

CERCOL

GENERAL CATALOGUE

CERCOL was founded in 1977 in Sassuolo, in the heart of the world-famous district of the ceramic industry, and over the years it has become one of the leading companies at an international level in the sector of chemical applications, with two facilities.

The prestigious headquarters and production plant is in Sassuolo, and boasts manufacturing processes at the cutting edge of technology.

Ultra-modern systems, methodical inspection of the raw materials and technically sophisticated production processes enable technicians of proven experience to create products of the highest quality at extremely competitive prices.

Research and development assumes a paramount importance for **CERCOL**, aiming to innovation and constant control of its eco-friendly products, safe for the environment, for the layers and the final users, with minimized emissions of volatile organic compounds (VOC).

Great importance is attached to professional training and technical updates, as well as meetings with both the product users and the professionals of the ceramic industry.

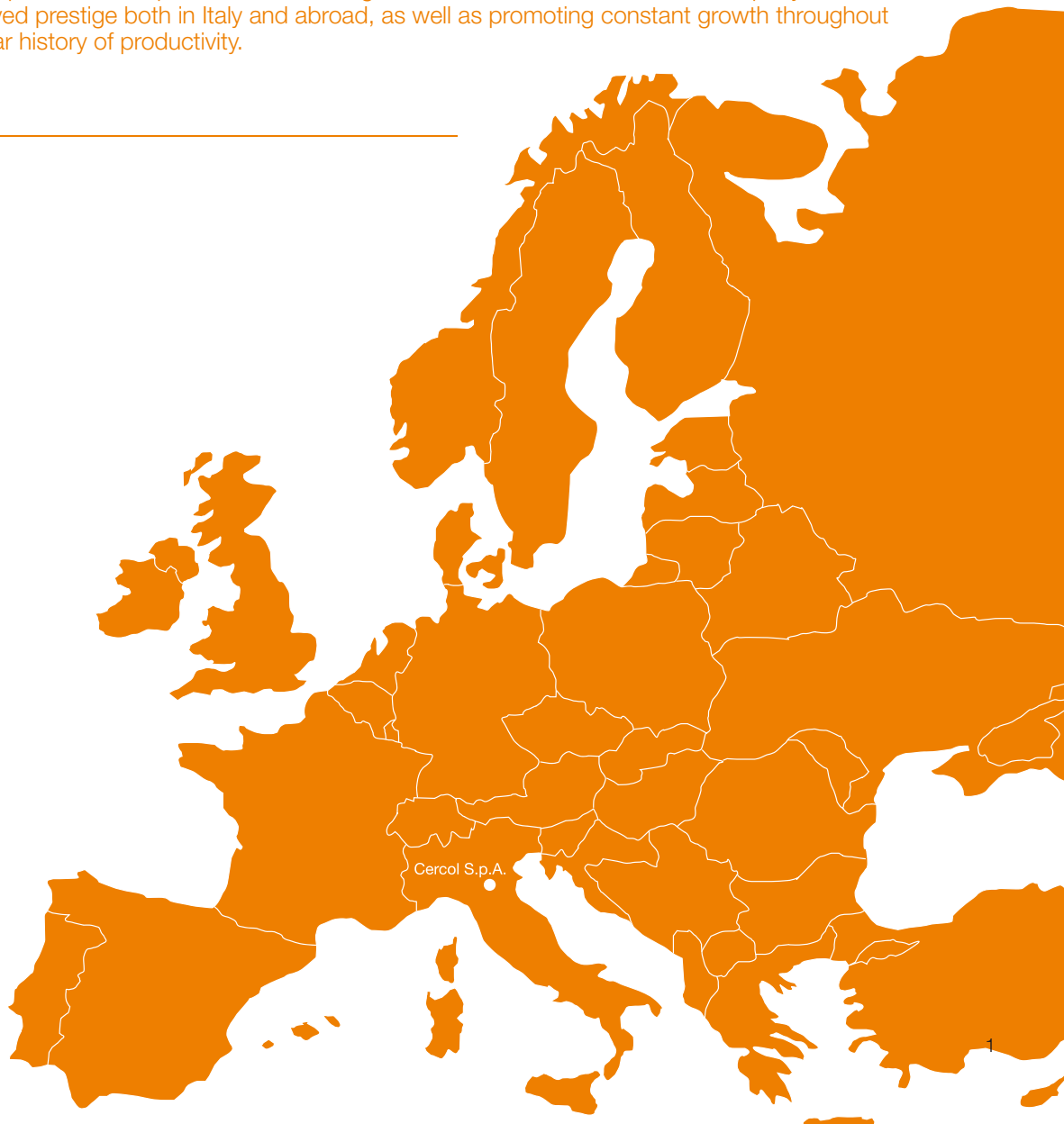
Thanks to their skill and professionalism, the technical team is able to provide the clients with quick day-to-day assistance, which is customized to suit their individual needs and guarantee the best possible service. Extensive experience acquired over the years also enables **CERCOL** to respond to its customers' most diverse needs.

These efforts are combined with a wide range of technical documentation, including the catalogue, technical data sheets, CDs and folders with advice about how to use the products and all other necessary supporting information. These materials are kept constantly up to date and are aimed at providing a quick and clear means of consultation.

Special attention must be paid to the continually updated website (www.cercol.com), which provides a summary of all necessary information for the experts.

The range of **CERCOL** products is vast, comprehensive and technologically advanced, so as to meet all the needs of its clients and the market as a whole.

The quality of the products, combined with the technical skill and serious approach to business with which **CERCOL** has always operated, have proved to be winning formulas that have enabled the company over time to achieve well-deserved prestige both in Italy and abroad, as well as promoting constant growth throughout the company's 35-year history of productivity.



ENVIRONMENTALLY FRIENDLY PRODUCTS



Over the past few years, the choice of building materials has been increasingly directed towards products which, besides complying with functional and design dictates, also guarantee healthy living conditions.

Emissions of “Volatile Organic Compounds” (VOC) are mostly responsible for the negative impact exercised by building materials on the health of the users and occupants of indoor environments.

These substances can be solvents, plasticizers and the additives used for building purposes, but also the gases that raw materials of a natural origin release over time. In many cases, it has been shown that these natural materials cause higher emissions of Volatile Organic Compounds than the products created by industrial processes, thus contributing in a significant way towards worsening the quality of the air: the so-called “indoor pollution” phenomenon.

In itself, a material declared as being of a natural origin does not, however, guarantee a healthy indoor environment. In Italy, as in other countries of the European Union, there are no regulations that correctly identify a product as being “bio-sustainable” or “eco-friendly”.

GEV (Gemeinschaft Emissionskontrollierter Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), the Association for the Control of Emissions from Cladding Materials, Adhesives and Building Materials, was established in Germany for the purpose of providing an answer to the demand for safe building materials.

GEV has created the EMICODE® mark, which certifies different emission levels for volatile organic compounds measured in standard conditions 10 days after the relative product has been used.

Products that bear the **EMICODE EC1^{PLUS}**, **EC1**, **EC1R^{PLUS}** and **EC1 R** marks have a “very low emission of Volatile Organic Compounds”. **These are the only materials that will not produce, over time, substances that are dangerous for the health in the places in which they are used.**

Thus, beyond any attention-grabbing slogans that may be used, the heart of the matter is that these **EC1^{PLUS}**, **EC1** **EC1R^{PLUS}** and **EC1 R** marks are **the only guarantee** of a product being environment-friendly.

CERCOL'S EMICODE CERTIFIED PRODUCTS

Well aware of its responsibility as a manufacturer of products designed for use in our homes and work places, CERCOL has always selected the raw materials for its products with the utmost attention to the amount of Volatile Organic Compounds they contain. So much so, the majority of CERCOL products feature very low emissions of VOC.

GEV has granted the EMICODE EC1 mark to 34 of CERCOL's products, more or less covering the entire range of applications and providing construction sites with integrated environment-friendly building solutions.

SUBSTRATES AND PRIMERS

F.69 CERMALT PRONTO	EC1 R
F.77 CERLIV	EC1 R ^{PLUS}
F.77 CERLIV RAPIDO	EC1 R
F.77 CERLIV MAXI	EC1 R
F.63 RASA RAPIDO	EC1 R ^{PLUS}
F.26 ELASTOGUAINA	EC1 ^{PLUS}
F.28/G APPRETTO	EC1
F.29 ECOPRIMER-T	EC1
HPS 673 (HAFTPRIMER S)	EC1 ^{PLUS}
F.24 POLIPRIMER MONO	EC1 R
FDP 558 (FLIESENDAMMPLATTE)	EC1 ^{PLUS}

ADHESIVES

F.16 QUARTZ (Bianco - Grigio)	EC1 R
F.17 GRIGIO	EC1 R
F.18 BIANCO	EC1 R
F.120 WHITE	EC1 R
F.19 EXTRA GRIGIO	EC1 R
F.20 EXTRA BIANCO	EC1 R
F.30 MONOPARQUET	EC1 R ^{PLUS}
F.55 CERMONO	EC1 R
F.55 CERMONO-T	EC1 R
F.55 CERMONO RAPIDO	EC1 R
F.55 CERMARMO	EC1 R
F.55 MAXIFLOT	EC1 R
F.55 TIXOFLOT	EC1 R
F.19 RAPID	EC1 R

SEALANTS

F.15 UNISTUC 1-20	EC1 R
F.15 CERSTUC FINE 0-4	EC1 R
F.15 EDILSTUC 3-15	EC1 R
F.15 SETASTUC 0-6	EC1 R ^{PLUS}
F.15 MALTASTUC	EC1 R ^{PLUS}
F.40 CERPOXY ART	EC1 R ^{PLUS}
F.40 CERPOXY AP	EC1 R ^{PLUS}
F.40 CERPOXY	EC1 R ^{PLUS}

PLASTERS

F.78 MUROSAN LIGHT RINZAFFO	EC1 R ^{PLUS}
F.78 MUROSAN LIGHT RISANA	EC1 R ^{PLUS}
F.78 MUROSAN CALCE RISANA	EC1 R ^{PLUS}
F.78 MUROSAN CALCE INTONACO	EC1 R ^{PLUS}
F.78 MUROSAN CALCE FINE	EC1 R ^{PLUS}

ANTI-MOULD PRODUCTS



On-going research into solutions able to obtain the healthiest indoor environments has enabled CERCOL to develop an “ANTI-MOULD” technology that prevents the growth of the common fungal formations that often appear along the joints of shower booth and bathroom tiling in the presence of moisture.

F.15 UNISTUC 1-20 mm and **F.15 SETASTUC 0-6 mm** are the first of CERCOL's products to which the “ANTI-MOULD” technology has been applied. This, together with the product's intrinsic water-repellence characteristics, prevents various types of mould from proliferating.

*The collection F.15 SETASTUC enlarges
with a joint selection
in natural shades for ceramic wooden
flooring surfaces.*

F.15 SETASTUC

A high-quality and high-functionality range of products, rich of colours, for indoor and outdoor use. Solvent-free, with minimized content of emissions (VOC), and certified according to the most rigorous international standards. They can adapt to all kinds and sizes of porcelain tiles, mosaics and natural stones, both for floors and walls.

- New 174 Grafite
- New 136 Fango
- New 135 beige Scuro
- New 149 Sabbia Vulcanica
- New 133 Sabbia



The LEED certification system (Leadership in Energy and Environmental Design)



The LEED certification system (Leadership in Energy and Environmental Design) was created in the United States by the USGBC (US Green Building Council) in 1993. The USGBC is a non-profit organization that works to make the standards for green buildings known throughout the world.

Since the time it was established, more than 75 countries have subscribed to these standards for the purpose of promoting the certification of buildings designed and managed in an energy-efficient way and with a low impact on the environment. GBC Italia (Green Building Council Italia) was established in Italy in 2008. It implements the international and European standards (directives 2002/91/CE and 2006/32/CE dealing with energy saving and use of materials with a low environmental impact) and promotes the widespread use of LEED standards throughout Italy.

These standards allow the sustainability of buildings to be assessed through a series of parameters (such as: quality of the air, energy saving and efficiency, use of building materials containing recycled raw materials, floor laying products with low emissions of volatile organic substances and so forth) that lead to the building being ascribed a score (rating) and its certification as a low environmental impact construction.

The certification system assesses the building according to seven spheres of environmental sustainability divided into several parameters and in mandatory requirements (without these, the building will not be certified). Credits are assigned to the building for each of the parameters with which it complies and the overall sum of these marks establishes the certification level.

The main items are: sustainability of the site (SS), water efficiency (WE), energy and atmosphere (EA), materials and resources (MR), indoor environmental quality (IEQ), innovation in design (ID) and regional priority (RP).

110 points are available, while a score of at least 40 is required for basic certification.

Types of certification: Certified (40-49 points) • Silver (50-59 points) • Gold (60-79 points) • Platinum (80 points and above).

Cercol's quality management system has been recognized by Certiquality with the issue of the certification according to UNI EN ISO 9001:2008 norm.

Cercol's system of quality management has been recognized by Certiquality through the issue of the certification according to **UNI EN ISO 9001:2008** and **UNI EN ISO 14001:2004**.



The European norms and CE marking of construction materials

More than 35 years of business and growth, quality products, highly technical competence, dedication to the client and commercial seriousness are CERCOL's values for the future and to secure an ever-increasing market share.

The European Norms and CE marking for construction products

The European Directive 89/106/CEE "Construction products" establishes the essential requirements that these products must possess and governs the methods for their manufacture, marking and marketing. There are now more than 400 families of construction products for which CE marking has become obligatory and this list is being constantly updated. Thus products that do not bear any of the necessary markings cannot be marketed. This means that it is essential for manufacturers to organize their production processes in accordance with the indications given for the individual products. The classification, which is valid for all European countries, allows anyone who decides to use a product to identify its characteristics and fields of use by means of symbols and the labels affixed to the packages and in the relative technical documentation.

CERCOL guarantees that all its products fully comply with the requirements established by the EN standards through continual monitoring conducted by qualified external authorities and by constantly updating the labels and markings in the documentation and packaging, true to the sound and professional dealings that have always been part of the company's business policy.

*LEED® TABLE SCORE - GBC ITALY

	MATERIAL AND RESOURCES (MR)			INDOOR ENVIRONMENTAL QUALITY (I.Q.)		
	recycled material content	regional materials ⁽¹⁾	rapidly renewable materials	ieq management plan: prior to occupancy	MATERIALS WITH LOW EMISSIONS	
					adhesives, primers, groutings, cement-based materials and finishing products for wood	FLOORS
	MR Credit 4 Up to 2 Points	MR Credit 5 Up to 2 Points	MR Credit 6 1 Point	I.Q. Credit 3.2 1 Point	I.Q. Credit 4.1 1 Point	I.Q. Credit 4.3 1 Point
ADDITIVES, BINDERS AND PRE-MIXED MORTARS FOR SCREEDS						
F.48 POXYCEM		•				
F.67 MALTARAPID		•				
F.69 CERMALT		•				
F.69 CERMALT PRONTO		•			•	
F.60 RASOCEM		•				
F.61 RASOFIN		•				
F.64 RASOPLAN		•				
F.77 CERLIV		•			•	
F.77 CERLIV RAPIDO		•			•	
F.77 CERLIV MAXI		•			•	
F.63 RASA RAPIDO		•			•	
FDP 558 FLIESENDÄMMPLATTE						•
WATERPROOFING PRODUCTS						
F.26 ELASTOGUAINA		•			•	•
F.26 ELASTOGUAINA SUPER		•				
F.72 ELASTOMALTA A+B		•				
F.72 ELASTOMALTA		•				
F.71 ACQUASTOP		•				
PRIMERS						
F.24 POLIPRIMER MONO		•			•	
F.28/G APPRETTO		•			•	
F.29 ECOPRIMER T		•			•	
F.32 PROCEM		•				
HPS 673 – HAFTPRIMER S					•	
ADHESIVES FOR CERAMIC AND STONE MATERIAL BASED ON CEMENT-BASED BINDERS						
F.16 QUARTZ		•			•	
F.17/F.18		•			•	
F.120 WHITE		•			•	
F.19/F.20		•			•	
F.44 CERASS		•				
F.55 CERFIX		•				
F.55 CERMARMO		•			•	
F.55 CERMONO		•			•	
F.55 CERMONO RAPIDO		•			•	
F.55 CERMONO-T		•			•	
F.55 MAXIFLOT		•			•	
F.55 TIXOFLOT		•			•	
F.55 GREENFIX	•	•				
F.55 GREENFLOT	•	•				
F.16 + F.70 CERLATEX		•				
F.17/F.18 + F.70 CERLATEX		•				
F.19 RAPID		•			•	

*LEED® TABLE SCORE - GBC ITALY

	MATERIAL AND RESOURCES (MR)			INDOOR ENVIRONMENTAL QUALITY (I.Q.)		
	recycled material content	regional materials ⁽¹⁾	rapidly renewable materials	ieq management plan: prior to occupancy	MATERIALS WITH LOW EMISSIONS	
					adhesives, primers, groutings, cement-based materials and finishing products for wood	FLOORS
	MR Credit 4 Up to 2 Points	MR Credit 5 Up to 2 Points	MR Credit 6 1 Point	I.Q. Credit 3.2 1 Point	I.Q. Credit 4.1 1 Point	I.Q. Credit 4.3 1 Point
ADHESIVES FOR CERAMIC AND STONE MATERIAL BASED ON SYNTHETIC RESINS						
F.22 ACRIPLAST		•				
F.22 PLUS		•				
F.40 CERPOXY		•				
F.50 POLICOL		•				
SEALANTS						
F.15 CERSTUC FINE		•			•	
F.15 EDILSTUC		•			•	
F.15 MALTASTUC		•			•	
F.15 SETASTUC		•			•	
F.15 UNISTUC		•			•	
F.15 VETROBLOCK		•				
F.40 CERPOXY		•			•	
F.40 CERPOXY AP		•			•	
F.40 CERPOXY ART		•			•	
TITECFUGE TFb 554					•	
ADHESIVES FOR LAYING RESILIENT MATERIALS AND TEXTILES						
F.62 ACRICOL		•				
F.62 P/2		•				
ADHESIVES FOR LAYING PARQUET						
F.24 POLIPRIMER MONO		•			•	
F.30 PARQUET A+B		•				
F.30 MONOPARQUET		•			•	
BUILDING MATERIALS						
F.54 BETON		•				
F.76 TIXO		•				
F.76 TIXO RAPID		•				
F.76 FINITURA		•				
F.78 MUROSAN		•				
F.78 MUROSAN FINE		•				
F.78 MUROSAN LIGHT RINZAFFO		•			•	
F.78 MUROSAN LIGHT RISANA		•			•	
F.78 MUROSAN CALCE RINZAFFO		•				
F.78 MUROSAN CALCE RISANA		•			•	
F.78 MUROSAN CALCE INTONACO		•			•	
F.78 MUROSAN CALCE FINE		•			•	
F.76 MALTA ESPANSIVA COLABILE		•				

* LEED is a measurement system for environmental performance intended for commercial, institutional and residential buildings, based on environmental and energy standards, commonly recognized and accepted by the international scientific community. To conform to LEED's evaluation system of building sustainability is a voluntary choice made by a company. The reference to calculate the score is given by the requirements contained in the latest available version of LEED Italia Manual. © 2010, Green Building Council Italia, U.S. Green Building Council, all rights reserved.

⁽¹⁾REGIONAL MATERIALS if the construction site is less than 350 km from the production site.



Adhesive classification according to standard EN 12004

Basic classes

Cement-based adhesives	C1	Normal cement-based adhesive
	C2	Improved cement-based adhesive
Dispersion adhesives	D1	Normal dispersion adhesive
	D2	Improved dispersion adhesive
Reactive adhesives	R	Reactive resin-based adhesive

Optional characteristics

Fast setting adhesives	F	
Adhesives with extended open time	E	
Adhesives with no vertical slip	T	
Deformable adhesives	S1	(test method according to EN 12002)
Highly deformable adhesives	S2	(test method according to EN 12002)

Cement-based adhesives (class C)

CERCOL PRODUCTS	CLASS	DESCRIPTION
F.16 QUARTZ	C1	Normal cement-based adhesives
F.17 / F.18	C1 E	Normal cement-based adhesives with extended open time
F.120 WHITE	C1 TE	Normal cement-based adhesives with extended open time and no vertical slip.
F.44 CERASS F.55 CERMONO	C2 E	Improved cement-based adhesives with extended open time
F.19 / F.20 EXTRA F.55 CERMONO T	C2 TE	Improved cement-based adhesives with extended open time and no vertical slip.
F.55 CERFIX	C2 TE S1	Improved cement-based adhesive with extended open time, no vertical slip and deformable.
F.55 GREENFIX	C2 TE S1	Improved lightened cement-based deformable adhesive, with extended open time, no vertical slip, deformable adhesive.
F.55 GREENFLOT	C2 E S1	Improved lightened cement-based, self-wetting, deformable adhesive.
F.17 / 18+F.70 CERLATEX F.55 CERMONO + F.70 CERLATEX	C2 E S2	Improved highly deformable cement-based adhesives with extended open time.
F.19/F.20 EXTRA + F.70 CERLATEX F.55 CERFIX+F.70 CERLATEX (diluted 1:1 with water)	C2 TE S2	Improved highly deformable cement-based adhesives with extended open time and no vertical slip.
F.55 CERMONO RAPIDO F.55 CERMARMO	C2 FT S1	Improved highly deformable fast-setting cement-based adhesives with no vertical slip.
F.55 MAXIFLOT	C2 F	Improved fast-setting cement-based adhesive.
F.55 TIXOFLOT	C2 TE C2 E	Improved cement-based adhesive with extended open time and no vertical slip.
F.19 RAPID	C2 FT	Improved fast-setting cement-based adhesive with extended open time and no vertical slip.

Dispersion adhesives (class D)

CERCOL PRODUCTS	CLASS	DESCRIPTION
F.22 ACRIPLAST	D1 TE	Normal dispersion adhesive with extended open time and no vertical slip.
F.22 PLUS	D2 T	Improved dispersion adhesive with no vertical slip.

Reactive adhesives (class R)

CERCOL PRODUCTS	CLASS	DESCRIPTION
F.40 CERPOXY F.40 CERPOXY ART	R2 T	Improved reactive adhesives with no vertical slip.
F.50 POLICOL	R2 T	Improved reactive adhesive with no vertical slip.

Classification of cement-based sealants according to standard EN 13888 (class CG)

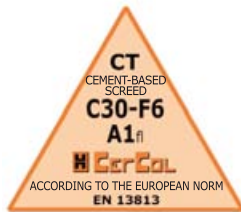
CERCOL PRODUCTS	CLASS	DESCRIPTION
F.15 CERSTUC FINE F.15 SETASTUC F.15 UNISTUC F.15 EDILSTUC	CG2 WA	Improved cement-based sealants (high resistance to abrasion and reduced water absorption)
TITECFUGE TFb 554	CG2 WA	

Classification of reactive sealants according to standard EN 13888 (class RG)

CERCOL PRODUCTS	CLASS	DESCRIPTION
F.40 CERPOXY	RG	Reactive sealant.
F.40 CERPOXY AP	RG	Reactive sealant.
F.40 CERPOXY ART	RG	Reactive sealant.

Classification of pre-mixed mortars for screeds in accordance with Standard EN 13813

CT/with cement-based binders – C30/ compressive strength after 28 days equal to 30 N/mm² - F6/ flexural strength after 28 days equal to 6 N/mm² - A1fl/ fire resistance class



CT-C30-F6-A1fl. high-strength cement-based screed

- F.69 CERMALT PRONTO

CT-C35-F7-A2fl. pre-mixed substrate levelling product

- F.77 CERLIV MAXI

Classification of substrate plasters and masonry mortars

EN 998-1 is the European standard that identifies indoor and outdoor plasters.

EN 998-2 is the European standard that identifies mortars for masonry work.



EN 998-1

- F.78 MUROSAN refurbishing mortar (type R) - compressive strength class CS II
- F.78 MUROSAN LIGHT RISANA refurbishing mortar (type R) - compressive strength class CS II
- F.78 MUROSAN CALCE RISANA refurbishing mortar (type R) - compressive strength class CS II



EN 998-1

- F.54 BETON mortar for general plastering purposes (type GP) - compressive strength class CS III
- F.60 RASOCEM mortar for general plastering purposes (type GP) - compressive strength class CS IV
- F.15 MALTASTUC mortar for general plastering purposes (type GP) - compressive strength class CS IV
- F.63 RASA RAPIDO mortar for general plastering purposes (type GP) - compressive strength class CS IV
- F.78 MUROSAN LIGHT RINZAFFO mortar for general plastering purposes (type GP) - compressive strength class CS IV
- F.78 MUROSAN CALCE RINZAFFO mortar for general plastering purposes (type GP) - compressive strength class CS IV
- F.78 MUROSAN CALCE FINE mortar for general plastering purposes (type GP) - compressive strength class CS IV
- F.78 MUROSAN CALCE INTONACO mortar for general plastering purposes (type GP) - compressive strength class CS II



EN 998-2

- F.54 BETON masonry mortar - class M5
- F.15 VETROBLOCK - class M15
- F.15 MALTASTUC - class M10

Classification of mortars for repairing and protecting concrete in accordance with Standard EN 1504



EN 1504-2 (PROTECTION OF CONCRETE)

- F.72 ELASTOMALTA
- F.64 RASOPLAN
- F.63 RASA RAPIDO
- F.75 MALTA OSMOTICA
- F.81 IMPRECER
- F.76 FINITURA



EN 1504-3

R3 – CC. cement-based structural refurbishing mortar resistance class: R3

- F.76 TIXO (normal setting)
- F.76 TIXO RAPID (fast setting)

R4 – CC. cement-based structural refurbishing mortar resistance class: R4

- F.76 MALTA ESPANSIVA COLABILE

R2 – CC. cement-based superficial refurbishing mortar resistance class: R2

- F.63 RASA RAPIDO

Class	Non-structural	Structural
R1	≥ 10 MPa	
R2	≥ 10 MPa	
R3		≥ 25 MPa
R4		≥ 45 MPa



EN 1504-7 (METHOD FOR PROTECTING CONCRETE AGAINST CORROSION OF THE REINFORCEMENTS)

- F.28 PROFER P



EN 1504-4 (STRUCTURAL EPOXY ADHESIVES)

- F.49 POXYRAPID
- F.49 POXYCEM



EN 1504-6 (MORTAR FOR ANCHORING)

- F.76 MALTA ESPANSIVA COLABILE

Classification of waterproofing mortars according to EN 14891 Norm



EN 14891

- F.72 ELASTOMALTA - waterproofing, two-component, cement-based product, applied as liquid, modified with polymer - class CMO2-P



EN 14891

- F.72 ELASTOMALTA MONO - waterproofing cement-based, single component product, applied as liquid, modified with polymer - class CMO1-P

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	Adhesives for ceramic tiles and natural stones
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	Sealants for floor and wall joints
	Products for building restoration
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	SOPRO product line
	Accessories

Summary



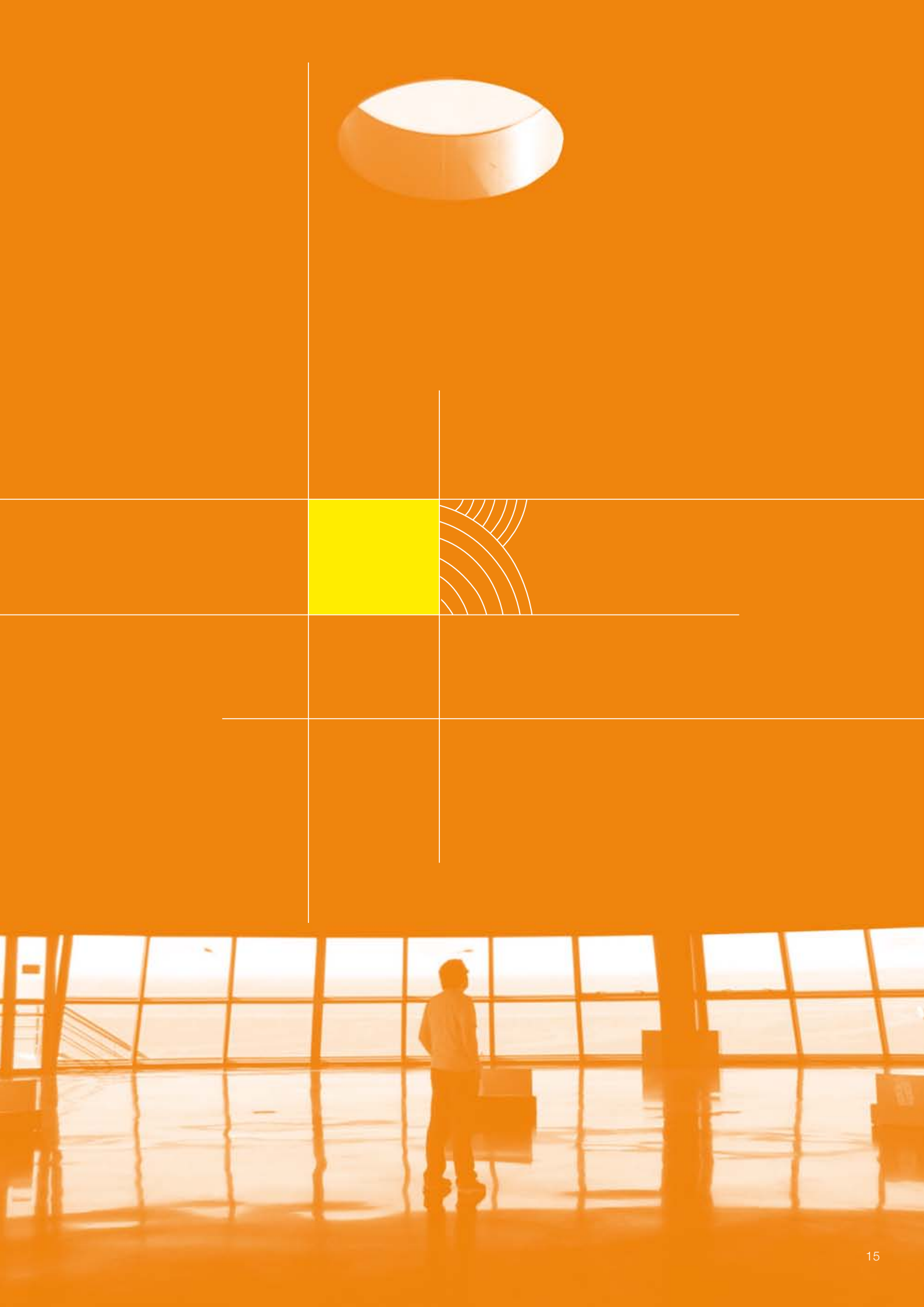
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LARGE AREAS

ADHESIVES FOR CERAMIC TILES AND NATURAL STONES

Cement-based adhesives . Paste adhesives . Latex for adhesives

01



F.16 QUARTZ (White-Grey)

Single-component quartz adhesive based on selected PTL 52.5R cements and special additives.



Suitable for laying:

- Double-fired ceramic tiles, porous single-fired tiles, cotto.

Suitable substrates:

- Cement-based plasters and screeds, cured concrete floor slabs, cellular cement.
- Apply F.28/G APPRETTO 4 hours before laying on gypsum or scagliola.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed white or grey product
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	6.0 l of water per 25 kg bag
*Application temperature range	From +5° to +35°C
Application thickness	10 mm
*Pot-life of mixture	≥ 4 hours
*Open time	20 minutes EN 1346
*Adjustment time	≥ 30 minutes
*Walk-over time	24 hours
*Grouting	Floors after 24 hours - 4/6 hours for walls
*Final setting	14 days
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place

*Data obtained at 23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Classification according to EN 12004	Class C1	EN 12004 (ISO 13007-1)
Initial bonding after 28 days	≥ 1.0 N/mm ²	EN 1348
Bonding after heat exposure	≥ 0.6 N/mm ²	EN 1348
Bonding after immersion in water	≥ 0.8 N/mm ²	EN 1348
Bonding after freezing-thawing cycles	≥ 0.9 N/mm ²	EN 1348

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

Notched trowel	6x6	8x8	10x10
kg/m ²	3	4	5

Packaging: 25 kg bags

F.17 (Grigio) F.18 (Bianco)

Single-component quartz-based adhesives with extended open time containing PTL 52.5R cements and special additives.



Suitable for laying:

- Double-fired ceramic tiles, porous single-fired tiles, cotto.

Suitable substrates:

- Cement-based screeds and plasters and cured concrete slabs, cellular concrete.
- Apply F.28/G APPRETTO 4 hours before laying on gypsum or scagliola.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed white or grey product	
Hazard classification	Consult the technical and safety data sheets for more details	
Mixing ratio	7.0 l of water per 25 kg bag	
*Application temperature	From +5° to +35°C	
Application thickness	10 mm	
*Pot-life of mixture	≥ 4 hours	
*Open time	30 minutes	EN 1346
*Adjustment time	≥ 45 minutes	
*Walk-over time	24 hours	
*Grouting	Floors after 24 hours - 4/6 hours for walls	
*Final setting	14 days	
Thermal resistance	From -30°C to +90°C	
Storage	12 months in original packaging in a dry place (25 Kg paper bags)	
	24 months in polyethylene packaging (5 Kg PE bags)	

*Data obtained at 23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Classification according to EN 12004	Class C1E	EN 12004 (ISO 13007-1)
Initial bonding after 28 days	≥ 1.3 N/mm ²	EN 1348
Bonding after heat exposure	≥ 0.8 N/mm ²	EN 1348
Bonding after immersion in water	≥ 1.0 N/mm ²	EN 1348
Bonding after freezing-thawing cycles	≥ 1.0 N/mm ²	EN 1348

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

Notched trowel	6x6	8x8	10x10
Kg/m ²	3	4	5

Packaging: 25 kg bags or 5 kg packets in boxes containing 25 kg

The above values may vary to a considerable extent owing to particular environmental conditions, temperature, humidity, ventilation, absorbcency of the substrate or tiling materials.

F.120 WHITE

Ultra-white single-component quartz-based adhesive with extended open time and no vertical slip, based on PTL 52.5R cements and special additives.



Suitable for laying:

- Double-fired and single-fired ceramic tiles, cotto and ceramic mosaic.
- Porcelain wall tiles for indoor use on cement-based screeds.

Suitable substrates:

- Cement-based plasters and screeds, cured concrete floor slabs, cellular cement.
- Apply F.28/G APPRETTO 4 hours before laying on gypsum or scagliola.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed white product	
Hazard classification	Consult the technical and safety data sheets for more details	
Mixing ratio	7.5 l of water per 25 kg bag	
*Application temperature range	From +5° to +35°C	
Application thickness	15 mm	
*Pot-life of mixture	≥ 4 hours	
*Open time	30 minutes	EN 1346
*Adjustment time	≥ 30 minutes	
Vertical slip	≤ 0.5 mm	EN 1308
*Walk-over time	24 hours	
*Grouting	Floors after 24 hours - 4/6 hours for walls	
*Final setting	14 days	
Thermal resistance	From -30°C to +90°C	
Storage	12 months in original packaging in a dry place	

*Data obtained at 23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Classification according to EN 12004	Class C1TE	EN 12004 (ISO 13007-1)
Initial bonding after 28 days	≥ 1.3 N/mm ²	EN 1348
Bonding after heat exposure	≥ 0.8 N/mm ²	EN 1348
Bonding after immersion in water	≥ 1.0 N/mm ²	EN 1348
Bonding after freezing-thawing cycles	≥ 1.0 N/mm ²	EN 1348

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

Notched trowel	6x6	8x8	10x10
kg/m ²	3	4	5

Packaging: 25 kg bags

F.19 EXTRA GRIGIO

F.20 EXTRA BIANCO



Single-component quartz-based adhesives with mixed binder, extended open time, no vertical slip. Based on PTL 52.5R cements and special additives.



Suitable for laying:

- Double-fired and single-fired ceramic tiles, porcelain, klinker, cotto, mosaic.
- Over-tiling on existing floors for civil/residential use.

Suitable substrates:

- Cement-based screeds and plasters, cured concrete slabs, cellular concrete.
- Plasterboard, free from dust also waterproofed.
- Apply F.28/G APPRETTO 4 hours before laying on gypsum or scagliola.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed white or grey product	
Hazard classification	Consult the technical and safety data sheets for more details	
Mixing ratio	6.5 l of water per 25 kg bag	
*Application temperature range	From +5° to +35°C	
Application thickness	15 mm	
*Pot-life of mixture	≥ 4 hours	
*Open time	30 minutes	EN 1346
*Adjustment time	≥ 30 minutes	
Vertical slip	≤ 0.5 mm	EN 1308
*Walk-over time	24 hours	
*Grouting	Floors after 24 hours - 4/6 hours for walls	
*Final setting	14 days	
Thermal resistance	From -30°C to +90°C	
Storage	12 months in original packaging in a dry place (25 Kg paper bags) 24 months in polyethylene packaging (5 Kg PE bags)	

*Data obtained at 23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Classification according to EN 12004	Class C2TE	EN 12004 (ISO 13007-1)
Initial bonding after 28 days	≥ 1.5 N/mm ²	EN 1348
Bonding after heat exposure	≥ 1.3 N/mm ²	EN 1348
Bonding after immersion in water	≥ 1.2 N/mm ²	EN 1348
Bonding after freezing-thawing cycles	≥ 1.5 N/mm ²	EN 1348

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

Notched trowel	6x6	8x8	10x10
kg/m ²	3	4	5

Packaging: 20 kg or 25 kg bags.

The above values may vary to a considerable extent owing to particular environmental conditions, temperature, humidity, ventilation, absorptency of the substrate or tiling materials.



F.19 RAPID (White-Grey)

new

Quick-drying single-component improved cement-based adhesive with no vertical slip for glueing non-absorbent and absorbent ceramic tiles and natural stone not affected by moisture, to floors and walls. Based on selected PTL 52,5R cements and special additives.



Suitable for laying:

- Ceramic tiles of all types and sizes, including split tiles, porcelain, vitreous mosaic, cotto and tiles in general on indoor and outdoor floors and walls;
- Natural stone materials, so long as they are dimensionally stable in the presence of moisture;
- Composite stone materials, so long as they are dimensionally stable in the presence of moisture.

Suitable substrates:

- Cement-based screeds and plasters.
- Cellular concrete.
- Brick, or natural stone walls.
- Cured concrete floor slabs.
- Precast concrete panels.
- Cement-based self-levelling screeds.
- Screeds embedding floor-heating systems.
- Existing floors in glazed ceramic tiles, porcelain tiles, bricks, marble and natural stones.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE ONLY

TECHNICAL DATA

Appearance	Pre-mixed grey product	
Hazard Classification	Consult the technical and safety data sheets for more details	
Mixing ratio	5 l of water per 20 kg bag	
Application temperature range	from +5°C to +35°C	
Vertical slip	≤ 0.5 mm	EN 1308
*Open time	10 minutes	EN 1346
*Pot-life of mixture	≥ 30 minutes	
*Lightly treadable	3/4 hours	
*Grouting	after 3/4 hours for floors - 2/3 hours for walls	
*Surface ready for use	after 12 hours	
Thermal resistance	from -30°C to +90°C	
Storage	12 months in original packaging in a dry place	

* Data obtained at +23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) no. 1907/2006 (REACH) – Annex XVII, item 47

FINAL PERFORMANCE

Classification according to EN 12004	Class C2 TE	EN 12004 (ISO 13007-1)
Initial bonding after 6 h	≥ 0.5 N/mm ²	EN 1348
Initial bonding after 28 days	≥ 1.0 N/mm ²	EN 1348
Bonding after the action of heat	≥ 1.0 N/mm ²	EN 1348
Bonding after immersion in water	≥ 1.0 N/mm ²	EN 1348
Bonding after freezing-thawing cycles	≥ 1.0 N/mm ²	EN 1348

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

Notched trowel	6x6	8x8	10x10
Kg/m ²	3	4	5

Packaging: 20 kg bags.

The above values may vary to a considerable extent owing to particular environmental conditions, temperature, humidity, ventilation, absorbcency of the substrate or tiling materials.

F.44 CERASS

Single-component quartz-based adhesive with mixed binder and extended open time, based on binders and special additives.



Suitable for laying:

- Double-fired and porous single-fired ceramic tiles, klinker, porcelain, mosaic and cotto.

Suitable substrates:

- Cement-based plasters and screeds, cured concrete floor slabs, cellular cement, plasterboard.
- Existing floors.
- Heated screeds.
- Suitable for fixing on substrates in gypsum, anhydrite (previously sanded) and scagliola without the use of primer.
- Substrates waterproofed with F.72 ELASTOMALTA or F.26 ELASTOGUAINA.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed white product
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	6.0 l of water per 25 kg bag
*Application temperature range	From +5° to +35°C
Application thickness	10 mm
*Pot-life of mixture	≥ 4 hours
*Open time	30 minutes EN 1346
*Adjustment time	≥ 45 minutes
*Walk-over time	24 hours
*Grouting	Floors after 24 hours - 4/6 hours for walls
*Final setting	14 days
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place

*Data obtained at 23° and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Classification according to EN 12004	Class C2E	EN 12004 (ISO 13007-1)
Initial bonding after 28 days	≥ 1.3 N/mm ²	EN 1348
Bonding after heat exposure	≥ 1.1 N/mm ²	EN 1348
Bonding after immersion in water	≥ 1.0 N/mm ²	EN 1348
Bonding after freezing-thawing cycles	≥ 1.0 N/mm ²	EN 1348
Bonding to gypsum after 7 days + 21 days immersed in water	≥ 0.5 N/mm ²	EN 1348

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

Notched trowel	6x6	8x8	10x10
kg/m ²	3	4	5

Packaging: 25 kg bags

The above values may vary to a considerable extent owing to particular environmental conditions, temperature, humidity, ventilation, absorbcency of the substrate or tiling materials.

F.55 CERMONO (White-Grey)

Single-component quartz-based adhesive with mixed binder and extended open time. Based on PTL 52.5R cements and special additives.

Flex



Suitable for laying:

- Vitreous mosaic and all types of ceramic tiles, including klinker and porcelain, even large sized, cotto and bricks in general.
- Marble, natural stones and composite materials, so long as they are dimensionally stable.

Suitable substrates:

- Cement-based plasters and screeds, concrete, heated screeds, cellular cement.
- Brick walls.
- Existing floors in glazed ceramic tiles, porcelain tiles, bricks, marble and natural stones.
- Substrates in industrial environments or subject to heavy traffic (e.g. terraces or shopping centers).
- Panels made of cork, polyurethane foam or plasterboard (dust-free) so long as they are rigidly fixed.
- Plasterboard, also waterproofed.
- Substrates waterproofed with F.72 ELASTOMALTA or F.26 ELASTOGUAINA.
- Apply F.28/G APPRETTO 4 hours before laying on gypsum, scagliola or anhydrite.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed white or grey product	
Hazard classification	Consult the technical and safety data sheets for more details	
Mixing ratio	7.0 l of water per 25 kg bag	
*Application temperature range	From +5° to +35°C	
Application thickness	10 mm	
*Pot-life of mixture	≥ 4 hours	
*Open time	30 minutes	EN 1346
*Adjustment time	≥ 45 minutes	
*Walk-over time	24 hours	
*Grouting	Floors after 24 hours - 4/6 hours for walls	
*Final setting	14 days	
Thermal resistance	From -30°C to +90°C	
Storage	12 months in original packaging in a dry place	

*Data obtained at 23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Classification according to EN 12004	Class C2E	EN 12004 (ISO 13007-1)
Initial bonding after 28 days	≥ 2.1 N/mm ²	EN 1348
Bonding after heat exposure	≥ 1.7 N/mm ²	EN 1348
Bonding after immersion in water	≥ 1.2 N/mm ²	EN 1348
Bonding after freezing-thawing cycles	≥ 1.4 N/mm ²	EN 1348

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

Notched trowel	6x6	8x8	10x10
kg/m ²	3	4	5
1.2 kg/m ² per mm of thickness			

Packaging: 25 kg bags

The above values may vary to a considerable extent owing to particular environmental conditions, temperature, humidity, ventilation, absorbcency of the substrate or tiling materials.

F.55 CERMONO-T (White-Grey)



Single-component quartz-based adhesive with mixed binder, extended open time and no vertical slip, based on PTL 52.5R cements and special additives.
Certified CSTB 177-MC-180 (C2 E)



Suitable for laying:

- Vitreous mosaic and all types of ceramic tiles, including klinker, porcelain, even large-sized, cotto and bricks in general.
- Marble, natural stones and composite materials, so long as they are dimensionally stable.
- Especially recommended for laying composite stone (resin-bonded type)

Suitable substrates:

- Cement-based plasters and screeds, concrete, heated screeds, cellular cement.
- Brick walls.
- Existing floors in glazed ceramic tiles, porcelain tiles, bricks, marble and natural stones.
- Substrates in industrial environments or subject to heavy traffic (e.g. terraces or shopping centers).
- Panels made of cork, polyurethane foam or plasterboard (dust-free) so long as they are rigidly fixed.
- Plasterboard, also waterproofed.
- Substrates waterproofed with F.72 ELASTOMALTA or F.26 ELASTOGUAINA.
- Apply F.28/G APPRETTO 4 hours before laying on gypsum, scagliola or anhydrite.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed white or grey product
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	7.6 l of water per 25 kg bag
*Application temperature range	From +5° to +35°C
Application thickness	10 mm
*Pot-life of mixture	≥ 4 hours
*Open time	30 minutes EN 1346
*Adjustment time	≥ 30 minutes
*Walk-over time	24 hours
*Grouting	Floors after 24 hours - 4/6 hours for walls
*Final setting	14 days
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place

*Data obtained at 23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Classification according to EN 12004	Class C2TE	EN 12004 (ISO 13007-1)
Initial bonding after 28 days	≥ 2.0 N/mm ²	EN 1348
Bonding after heat exposure	≥ 2.0 N/mm ²	EN 1348
Bonding after immersion in water	≥ 1.0 N/mm ²	EN 1348
Bonding after freezing-thawing cycles	≥ 1.1 N/mm ²	EN 1348

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

Notched trowel	6x6	8x8	10x10
kg/m ²	3	4	5

Packaging: 25 kg bags

The above values may vary to a considerable extent owing to particular environmental conditions, temperature, humidity, ventilation, absorbcency of the substrate or tiling materials.

F.55 CERMONO RAPIDO

Fast setting deformable single-component quartz-based adhesive with mixed binder and no vertical slip, based on PTL 52.5R cements and special additives.



Suitable for laying:

- Vitreous mosaic and all types of ceramic tiles, including klinker and porcelain even large-sized, cotto and bricks in general.
- Marble, natural stones and composite materials, so long as they are dimensionally stable.

Suitable substrates:

- Cement-based plasters and screeds, concrete, heated screeds, cellular cement, plasterboard.
- Brick walls.
- Existing floors in glazed ceramic tiles, porcelain tiles, bricks, marble and natural stones.
- Substrates in industrial environments or subject to heavy traffic (e.g. terraces or shopping centers).
- Substrates waterproofed with F.72 ELASTOMALTA or F.26 ELASTOGUAINA.
- Apply F.28/G APPRETTO 4 hours before laying on gypsum, scagliola or anhydrite.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed grey product
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	5.4 l of water per 20 kg bag
*Application temperature range	From +5° to +35°C
Application thickness	20 mm
*Pot-life of mixture	≥ 40 minutes
*Open time	15 minutes EN 1346
*Adjustment time	≥ 20 minutes
Vertical slip	≤ 0.5 mm EN 1308
*Walk-over time	3/4 hours
*Grouting	after 3/4 hours for floors and 2/3 hours for walls.
*Final setting	3/4 days
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place

*Data obtained at 23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Classification according to EN 12004	Class C2FT S1	EN 12004 (ISO 13007-1)
Deformability	≥ 2.5 mm - Class S1	EN 12002
Initial bonding after 6 hours	≥ 0.8 N/mm ²	EN 1348 – EN 12004
Initial bonding after 28 days	≥ 2.2 N/mm ²	EN 1348
Bonding after heat exposure	≥ 1.8 N/mm ²	EN 1348
Bonding after immersion in water	≥ 1.3 N/mm ²	EN 1348
Bonding after freezing-thawing cycles	≥ 1.3 N/mm ²	EN 1348

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

Notched trowel	6x6	8x8	10x10	15 mm
kg/m ²	3	4	5	7

F.55 CERMARMO

Ultra-white fast setting single-component quartz-based deformable adhesive with mixed binder and no vertical slip, based on PTL 52.5R cements and special additives.

Super Flex



Suitable for laying:

- Vitreous mosaic and all types of ceramic tiles, including klinker and porcelain even large-sized.
- Marble, natural stones and composite materials that are liable to stain.

Suitable substrates:

- Cement-based plasters and screeds, concrete, heated screeds, cellular cement, plasterboard.
- Brick walls.
- Existing floors in glazed ceramic tiles, porcelain tiles, bricks, marble and natural stones.
- Substrates in industrial environments or subject to heavy traffic (e.g. terraces or shopping centers).
- Substrates waterproofed with F.72 ELASTOMALTA or F.26 ELASTOGUAINA.
- Apply F.28/G APPRETTO 4 hours before laying on gypsum, scagliola or anhydrite.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed white product	
Hazard classification	Consult the technical and safety data sheets for more details	
Mixing ratio	5.4 l of water per 20 kg bag	
*Application temperature range	From +5° to +35°C	
Application thickness	20 mm	
*Pot-life of mixture	≥ 40 minutes	
*Open time	15 minutes	EN 1346
*Adjustment time	≥ 20 minutes	
Vertical slip	≤ 0.5 mm	EN 1308
*Walk-over time	3/4 hours	
*Grouting	after 3/4 hours for floors and 2/3 hours for walls.	
*Final setting	3/4 days	
Thermal resistance	From -30°C to +90°C	
Storage	12 months in original packaging in a dry place	

*Data obtained at 23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Classification according to EN 12004	Class C2FT S1	EN 12004 (ISO 13007-1)
Deformability	≥ 2.5 mm - Class S1	EN 12002
Initial bonding after 6 hours	≥ 0.8 N/mm ²	EN 1348 – EN 12004
Initial bonding after 28 days	≥ 2.0 N/mm ²	EN 1348
Bonding after heat exposure	≥ 2.0 N/mm ²	EN 1348
Bonding after immersion in water	≥ 1.3 N/mm ²	EN 1348
Bonding after freezing-thawing cycles	≥ 1.3 N/mm ²	EN 1348

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

Notched trowel	6x6	8x8	10x10	15 mm
kg/m ²	3	4	5	7

Packaging: 20 kg bags

F.55 CERFIX (White-Grey)

Single-component deformable quartz-based adhesive with mixed binder, extended open time and no vertical slip, based on PTL 52.5R cements and special additives.

Super Flex



Suitable for laying:

- Vitreous mosaic and all types of ceramic tiles, including klinker and porcelain, even large-sized, cotto and bricks in general.
- Marble, natural stones and composite materials, so long as they are dimensionally stable.

Suitable substrates:

- Cement-based plasters and screeds, concrete, heated screeds, cellular cement, walls in brick or natural stone.
- Existing floors in glazed ceramic tiles, porcelain tiles, bricks, marble and natural stones.
- Outdoor façades, basins and swimming pools.
- Substrates in industrial environments or subject to heavy traffic (e.g. terraces or shopping centers).
- Panels made of cork, polyurethane foam or plasterboard (dust-free) so long as they are rigidly fixed.
- Plasterboard, also waterproofed.
- Substrates waterproofed with F.72 ELASTOMALTA or F.26 ELASTOGUAINA.
- Apply F.28/G APPRETTO 4 hours before laying on gypsum, scagliola or anhydrite.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed white or grey product
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	7.0 l of water per 25 kg bag (grey) - 8.0 l (white)
*Application temperature range	From +5° to +35°C
Application thickness	15 mm
*Pot-life of mixture	≥ 4 hours
*Open time	30 minutes EN 1346
*Adjustment time	≥ 30 minutes
*Walk-over time	24 hours
Vertical slip	≤ 0.5 mm EN 1308
*Grouting	Floors after 24 hours - 4/6 hours for walls
*Final setting	14 days
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place

*Data obtained at 23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Classification according to EN 12004	Class C2TE S1	EN 12004 (ISO 13007-1)
Deformability	≥ 2.5 mm - Class S1	EN 12002
Initial bonding after 28 days	≥ 2.6 N/mm ²	EN 1348
Bonding after heat exposure	≥ 2.5 N/mm ²	EN 1348
Bonding after immersion in water	≥ 1.2 N/mm ²	EN 1348
Bonding after freezing-thawing cycles	≥ 1.3 N/mm ²	EN 1348

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

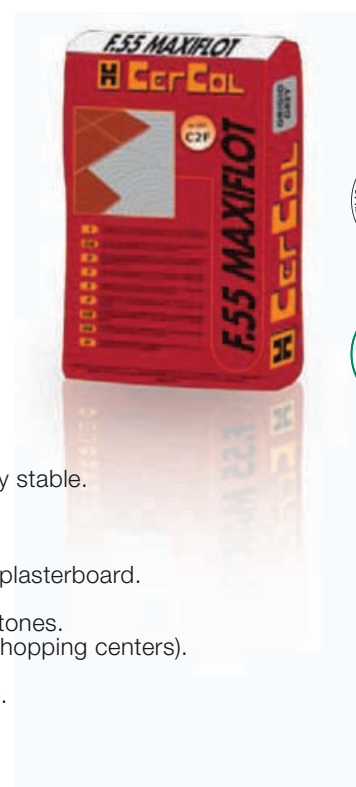
Notched trowel	3 mm	6x6	8x8	10x10
kg/m ²	2	3	4	5

1.2 kg/m² per mm of thickness

Packaging: 25 kg bags

F.55 MAXIFLOT

Fast setting, single-component self-backbuttering quartz-based adhesive with mixed binder, based on PTL 52.5R cements and special additives.



Suitable for laying:

- Vitreous mosaic and all types of ceramic tiles, including klinker and porcelain.
- Marble, natural stones and composite materials, so long as they are dimensionally stable.
- Laying tiles in large formats without the need for double application.

Suitable substrates:

- Cement-based plasters and screeds, concrete, heated screeds, cellular cement, plasterboard.
- Brick walls.
- Existing floors in glazed ceramic tiles, porcelain tiles, bricks, marble and natural stones.
- Substrates in industrial environments or subject to heavy traffic (e.g. terraces or shopping centers).
- Substrates waterproofed with F.72 ELASTOMALTA or F.26 ELASTOGUAINA.
- Apply F.28/G APPRETTO 4 hours before laying on gypsum, scagliola or anhydrite.

For floors. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed grey product
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	5.2 l of water per 25 kg bag
*Application temperature range	From +5° to +35°C
Application thickness	20 mm
*Pot-life of mixture	≥ 60 minutes
*Open time	15 minutes EN 1346
*Adjustment time	≥ 20 minutes
*Walk-over time	6 hours
*Grouting	After 6 hours on floors.
*Final setting	7/8 days
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place

*Data obtained at 23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Classification according to EN 12004	Class C2F	EN 12004 (ISO 13007-1)
Initial bonding after 6 hours	≥ 0.8 N/mm ²	EN 1348 – EN 12004
Initial bonding after 28 days	≥ 2.0 N/mm ²	EN 1348
Bonding after heat exposure	≥ 1.8 N/mm ²	EN 1348
Bonding after immersion in water	≥ 1.2 N/mm ²	EN 1348
Bonding after freezing-thawing cycles	≥ 1.3 N/mm ²	EN 1348

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

Notched trowel	8x8	10x10	15 mm
kg/m ²	4	5	7

1.3 kg/m² per mm of thickness

Packaging: 25 kg bags

F.55 TIXOFLOT

Single-component quartz adhesive with mixed binder based on selected PTL 52.5R cements and special additives. It can be used as a non-slip or self-back-buttering adhesive, depending on the amount of water in the mixture.

Flex



Suitable for laying:

- Vitreous mosaic and all types of ceramic tiles, including klinker and porcelain.
- Marble, natural stones and composite materials, so long as they are dimensionally stable.
- Laying tiles in large formats without the need for double application.
- Especially recommended for laying thin porcelain slabs in large formats.

Suitable substrates:

- Cement-based plasters and screeds, concrete, heated screeds, cellular cement, plasterboard.
- Brick walls.
- Existing floors in glazed ceramic tiles, porcelain tiles, bricks, marble and natural stones.
- Substrates in industrial environments or subject to heavy traffic (e.g. terraces or shopping centers).
- Outdoor façades.
- Substrates waterproofed with F.72 ELASTOMALTA or F.26 ELASTOGUAINA.
- Apply F.28/G APPRETTO 4 hours before laying on gypsum, scagliola or anhydrite.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.



TECHNICAL DATA

Appearance	Pre-mixed grey product	
Hazard classification	Consult the technical and safety data sheets for more details	
Mixing ratio	6.5 l of water per 25 kg bag (non-slip consistency) 8.0 l of water per 25 kg bag (floating-bed consistency)	
*Application temperature range	From +5° to +35°C	
Application thickness	15 mm	
*Pot-life of mixture	≥ 4 hours	
*Open time	30 minutes	EN 1346
*Adjustment time	≥ 30 minutes	
Vertical slip	≤ 0.5 mm	EN 1308
*Walk-over time	24 hours	
*Grouting	Floors after 24 hours - 4/6 hours for walls	
*Final setting	14 days	
Thermal resistance	From -30°C to +90°C	
Storage	12 months in original packaging in a dry place	

*Data obtained at 23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Classification according to EN 12004	Class C2TE (C2E)	EN 12004 (ISO 13007-1)
Initial bonding after 28 days	≥ 2.0 N/mm ²	EN 1348
Bonding after heat exposure	≥ 1.3 N/mm ²	EN 1348
Bonding after immersion in water	≥ 1.2 N/mm ²	EN 1348
Bonding after freezing-thawing cycles	≥ 1.5 N/mm ²	EN 1348

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

Notched trowel	6x6	8x8	10x10
kg/m ²	3	4	5
1.2 kg/m ² per mm of thickness			

F.55 GREENFIX (White-Grey)



High-performance single-component cement-based adhesive, with a high yield, excellent workability and high floating-bed capacity, extended open time, no vertical slip. Developed according to planning criteria that integrate natural, synthesis materials and salvage, to reach the target of reducing the environmental impact from the extraction of natural resources to the delivery of the manufactured goods to the customer.



Suitable for:

- Glueing ceramic tiles of all types and formats, including klinker, porcelain even large-sized, cotto and bricks in general.
- Glueing porcelain in a thin layer on indoor and outdoor floors and on indoor walls.
- Glueing porcelain on outdoor walls with a total surface of the tile size equal or lower than 1800 cm²
- Glueing porcelain on outdoor walls with a total surface of the tile size higher than 1800 cm² (add 2 litres of F.70 CERLATEX per bag).
- Glueing natural stones, so long as they are dimensionally stable.
- Glueing composite stones, so long as they are dimensionally stable.

Suitable substrates:

- Cement-based plasters and screeds, concrete, heated screeds, cellular cement, walls in brick or natural stone.
- Existing floors in glazed ceramic tiles, porcelain tiles, bricks, marble and natural stones.
- Outdoor façades, basins and swimming pools.
- Substrates in industrial environments or subject to heavy traffic (e.g. terraces or shopping centers).
- Panels made of cork and polyurethane foam, so long as they are rigidly fixed.
- Plasterboard, also waterproofed (so long as it is free from dust).
- Substrates waterproofed with F.72 ELASTOMALTA A+B, MONO or F.26 ELASTOGUAINA.
- Apply F.28/G APPRETTO 4 hours before application on gypsum, scagliola or anhydrite substrates.

For indoor and outdoor use. Horizontal and vertical surfaces. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed white or grey product	
Hazard classification	Consult the technical and safety data sheets for more details	
Mixing ratio	9.6 litres per 20 kg bag	
Volumic mass of mixture	1.35 g/cm ³	
Application temperature range	From +5°C to +35°C	
Obtainable thickness	15 mm	
*Pot-life of mixture	≥ 4 hours	
*Open time	30 minutes	EN 1346
*Adjustment time	≥ 30 minutes	
*Walk-over time	24 hours	
Vertical slip	≤ 0.5 mm	EN 1308
*Grouting	after 24 hours for floors – 4/6 hours for walls	
*Final setting	14 days	
Thermal resistance	from -30°C to +90°C	
Storage	12 months in original packaging in a dry place	

* Data obtained at +23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Classification according to EN 12004	Class C2 TE S1	EN 12004 (ISO 13007-1)
Deformability according to EN 12002	≥ 2.5 mm – Class S1	EN 12002
Initial bonding after 28 days	≥ 1.0 N/mm ²	EN 1348
Bonding after heat exposure	≥ 1.0 N/mm ²	EN 1348
Bonding after immersion in water	≥ 1.0 N/mm ²	EN 1348
Bond after freezing-thawing cycles	≥ 1.0 N/mm ²	EN 1348

Consult the technical and safety data sheets for more details.

COVERAGE:

Notched trowel	6x6	8x8	10x10
Kg/m ²	2.4	3.2	4

Packaging: 20 kg bags.

F.55 GREENFLOT

High-performance single-component cement-based deformable floating-bed adhesive, with a high yield, excellent workability and high floating-bed capacity, extended open time. Developed according to planning criteria that integrate natural, synthesis materials and salvage, to reach the target of reducing the environmental impact from the extraction of natural resources to the delivery of the manufactured goods to the customer.

Super Flex



Suitable for:

- Glueing ceramic tiles of all types and formats, including klinker, porcelain even large-sized, cotto and bricks in general.
- Laying tiles in large formats without the need for double application.
- Glueing porcelain in a thin layer on indoor and outdoor floors.
- Glueing natural stones, so long as they are dimensionally stable.
- Glueing composite stones, so long as they are dimensionally stable.

Suitable substrates:

- Cement-based plasters and screeds, concrete, heated screeds, cellular cement, walls in brick or natural stone.
- Existing floors in glazed ceramic tiles, porcelain tiles, bricks, marble and natural stones.
- Especially recommended for heating floors.
- Substrates in industrial environments or subjected to heavy traffic (e.g. terraces or shopping centers).
- Substrates waterproofed with F.72 ELASTOMALTA A+B, MONO or F.26 ELASTOGUAINA.
- Apply F.28/G APPRETTO 4 hours before application on gypsum, scagliola or anhydrite substrates.

For indoor and outdoor use. Horizontal surfaces. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed grey product	
Hazard classification	Consult the technical and safety data sheets for more details	
Mixing ratio	8.8 litres per 20 kg bag	
Volumic mass of mixture	1.45 g/cm ³	
Application temperature range	From +5°C to +35°C	
Obtainable thickness	15 mm	
*Pot-life of mixture	≥ 4 hours	
*Open time	30 minutes	EN 1346
*Adjustment time	≥ 30 minutes	
*Walk-over time	24 hours	
*Grouting	After 24 hours on floors	
*Final setting	14 days	
Thermal resistance	from -30°C to +90°C	
Storage	12 months in original packaging in a dry place	

* Data obtained at +23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Classification according to EN 12004	Class C2 E S1	EN 12004 (ISO 13007-1)
Deformability according to EN 12002	≥ 2.5 mm – Class S1	EN 12002
Initial bonding after 28 days	≥ 1.0 N/mm ²	EN 1348
Bonding after heat exposure	≥ 1.0 N/mm ²	EN 1348
Bonding after immersion in water	≥ 1.0 N/mm ²	EN 1348
Bonding after freezing-thawing cycles	≥ 1.0 N/mm ²	EN 1348

Consult the technical and safety data sheets for more details.

COVERAGE:

Notched trowel	8x8	10x10	15 mm
Kg/m ²	3.5	4,4	6.0

Packaging: 20 kg bags.

F.11 BIOTHERM (white and grey)

Smoothing adhesive/mortar with mixed binder based on PTL 52.5R cements, quartz and special additives, for bonding and smoothing insulating panels (insulation cladding systems).



Suitable for:

- Bonding insulating panels made of polystyrene, fibreglass, rock, cork, polyurethane and soundproofing panels in general.
- Final smoothing (setting-coat finish) of the panels. Extremely workable. The troweled surface is ready to receive paint or decorative wall materials in general.

Suitable substrates:

- Traditional or pre-mixed cement-based plasters.
- Walls in bricks, concrete or cellular cement.

For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed grey and white product
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	Approx. 5.5 l of water per 25 kg bag
*Application temperature range	From +5° to +40°C
*Workability time	≥ 3 hours
*Open time	20 minutes
*Adjustment time	40 minutes
*Time to wait before troweling	minimum 2 hours (at T=20°C on panels in XPS)
*Time to wait before painting	15 days
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place

*Data obtained at 23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Flexural strength after 28 days	≥ 3.0 N/mm ²
Compressive strength after 28 days	≥ 6.0 N/mm ²
Initial bonding strength on insulating material after immersion	≥ 0.08 MPa (ETAG 004)
Bonding strength on insulating material after immersion	≥ 0.03 MPa (ETAG 004)
Bonding strength on insulating material after immersion and dehydration	≥ 0.08 MPa (ETAG 004)

Consult the technical and safety data sheets for more details.

COVERAGE:

Trowel bonding	4-6 kg/m ²
Smoothing per mm of thickness	1.5 kg/m ²

Packaging: 25 kg bags

F.40 CERPOXY

Two-component epoxy adhesive/sealant for laying and sealing floors subject to high chemical-physical stress. Completely waterproof and anti-acid.



Suitable for laying/grouting joints (from 3 to 10 mm wide). For use with the following materials:

- All types of vitreous mosaic, ceramic tiles, including klinker and porcelain even large-sized.
- Laying and grouting kitchen tops.

Suitable substrates:

- Cement-based plasters and screeds, cured concrete floor slabs, beaten or bush-hammered cement, plasterboard.
- Cellular cement and walls made of bricks or natural stone.
- Heated screeds.
- Existing floors in glazed ceramic tiles, porcelain tiles, bricks, marble and natural stones.
- Substrates in industrial environments (Dairies, breweries, cellars, etc.) or subject to heavy traffic (e.g. terraces or urban furnishing).
- Metal, PVC, linoleum, etc...
- Table of chemical resistance values on page 81.
- Available colours: white, manhattan, grey, anthracite.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Comp. A Thick paste Comp. B Liquid
Hazard classification (Directive 1999/45/CE)	Consult the technical and safety data sheets for more details
*Pot-life of mixture	≥ 45 min.
Application temperature range	From +12° to +30°C
*Open time	30 min. EN 1346
Vertical slip	≤ 0.5 mm EN 1308
*Adjustment time	60 min.
*Walk-over time	24 hours
*Grouting	after 24 hours for floors and 6/8 hours for walls.
*Final setting	14 days
Thermal resistance	From -20°C to +100°C (continuous exposure)
Storage	24 months in original packaging in a dry place. PROTECT AGAINST FROST

*Data obtained at 23°C and 50% relative humidity.

FINAL PERFORMANCE

Classification according to EN 12004	Class R2T	(ISO 13007-1)
Initial bonding	≥ 2,50 N/mm ²	EN 12003
Bonding after immersion in water	≥ 2,30 N/mm ²	EN 12003
Bonding after thermal shock	≥ 2,50 N/mm ²	EN 12003
Classification according to EN 13888	Class RG	EN 13888 (ISO 13007-3)
Compressive strength	≥ 58 N/mm ²	EN 12808-3
Flexural strength	≥ 31 N/mm ²	EN 12808-3
Abrasion resistance	≤ 147 mm ³ (loss of volume)	EN 12808-2
Shrinkage	≤ 0.80 mm/m	EN 12808-4
Water absorption	≤ 0.05 g	EN 12808-5

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE (as an adhesive):

Notched trowel	6x6	8x8	10x10
kg/m ²	2.5	3.5	4.0

COVERAGE (as a sealant): consult the table on page 80

Packaging: 10 kg buckets (9.0+1.0) - 5 kg buckets (4.5+0.5)

F.50 POLICOL

Universal two-component adhesive with no vertical slip, waterproof, with permanent elasticity.



Suitable for laying:

- All types of vitreous mosaic, ceramic tiles, including klinker and porcelain, even large-sized, parquet in general.
- Kitchen tops.
- All types of marble, natural stones and resin-bonded granite of any thickness and format, also subject to movement and size variation through water absorption.

Suitable substrates:

- Cement-based screeds and plasters and cured concrete slabs.
- Cellular cement, brick walls or plasterboard.
- Heated screeds.
- Plyboard for nautical use, phenolic plyboard or MDF.
- Existing floors in glazed ceramic tiles, porcelain tiles, bricks, marble and natural stones.
- Substrates in industrial environments (dairies, breweries, cellars, etc.), substrates subject to heavy traffic (e.g. terraces or street furniture) or strong vibrations.
- Metal, PVC, linoleum, wood, fiberglass-reinforced plastic, etc...

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Comp. A Thick paste	Comp. B Liquid
Hazard classification (Directive 1999/45/CE)	Consult the technical and safety data sheets for more details	
*Pot-life of mixture	≥ 40 min.	
Application temperature range	From +10° to +30°C	
*Open time	50 min.	EN 1346
Vertical slip	≤ 0.5 mm	EN 1308
*Adjustment time	≥ 90 min.	
*Walk-over time	12 hours	
*Grouting	12 hours	
*Final setting	7 days	
Thermal resistance	From -40°C to +100°	
Storage	24 months in original packaging in a dry place. PROTECT AGAINST FROST.	

*Data obtained at 23°C and 50% relative humidity.

FINAL PERFORMANCE

Classification according to EN 12004	Class R2T	EN 12004 (ISO13007-1)
Initial tensile bonding	≥ 2.6 N/mm ²	EN 12004
Bonding after immersion in water	≥ 2.0 N/mm ²	EN 12004
Bonding after thermal shock	≥ 2.4 N/mm ²	EN 12004

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

Notched trowel	3x3	6x6	8x8
kg/m ²	2.0	3.0	3.5

Packaging: 10 kg buckets (9.4+0.6) - 5 kg buckets (4.7+0.3)

F.22 ACRIPLAST

Ready-to-use synthetic resin based paste adhesive. No vertical slip and extended open time.

Suitable for laying:

- Ceramic tiles in general and cotto.

Suitable substrates:

- Absorbent substrates, such as: cement-based plasters, cured concrete slabs, cellular cement, plasterboard, gypsum, scagliola and anhydrite, absorbent untreated wooden panels.

For indoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Viscous white paste
Hazard classification	Consult the technical and safety data sheets for more details
*Application temperature range	From +5° to +35°C
*Open time	30 minutes EN 1346
*Adjustment time	≥ 40 minutes
*Walk-over time	24 hours
*Grouting	24 hours
*Final setting	7/14 days
Thermal resistance	From -30°C to +90°C
Storage	24 months in original packaging in a dry place PROTECT AGAINST FROST

*Data obtained at 23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

2-3 kg/m² (depending on the tile format and how even the substrate is)

Packaging: 2, 5, 15 and 25 kg buckets.



F.22 PLUS

Ready-to-use synthetic resin-based paste adhesive with improved adhesion. No vertical slip.

Suitable for laying:

- Ceramic tiles of any type, single-fired ceramic tiles, cotto, porcelain, vitreous mosaic, klinker and natural stones

Suitable substrates:

- Absorbent substrates, such as: cement-based plasters, cured concrete slabs, cellular cement, plasterboard, gypsum, scagliola and anhydrite, panels in absorbent wood (CTB-H/CTB-X), polystyrene or coated polyurethane such as Wedi, Lux, etc...

For indoor use. PROFESSIONAL USE

TECHNICAL DATA

Appearance	Viscous white paste
Hazard classification	Consult the technical and safety data sheets for more details
*Application temperature range	From +5° to +35°C
*Open time	20 minutes EN 1346
*Adjustment time	≥ 40 minutes
*Walk-over time	12/24 hours
*Grouting	24 hours
*Final setting	7/14 days
Thermal resistance	From -30°C to +90°C
Storage	24 months in original packaging in a dry place PROTECT AGAINST FROST.

*Data obtained at 23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

2-3 kg/m² (depending on the tile format and how even the substrate is)

Packaging: 25 kg bags



F.70 CERLATEX

Synthetic latex for the additivation of cement-based adhesives, compounds for substrates or restoration mortar. It totally or partially replaces the water used for mixing.

Suitable as an additive for adhesives used for laying:

- Double-fired, single-fired ceramic tiles, cotto, porcelain, vitreous mosaic, klinker and all types of marble, natural and resin-bonded stones of any format so long as they are dimensionally stable, insulating panels, cork...

Suitable substrates:

- Cement-based plasters and screeds, cured concrete floor slabs, cellular cement, heated screeds, existing floors, substrates subject to heavy traffic, cold storage rooms, plasterboards.

For indoor and outdoor use. PROFESSIONAL USE.



TECHNICAL DATA

Appearance	Thick milky liquid
Colour	White
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	+ 10-15% in relation to the percentage of water specified for the adhesive
*pH	7
*Open time of adhesives mixed with F.70	20 minutes (EN 1346)
Walk-over time	24 hours
Application temperature range	From +5°C to +40°C
Storage	24 months in the original closed packaging. PROTECT AGAINST FROST.

*Data obtained at 23°C and 50% relative humidity.

FINAL PERFORMANCE

Ref.: F.17/18 mixed with F.70 Cerlatex

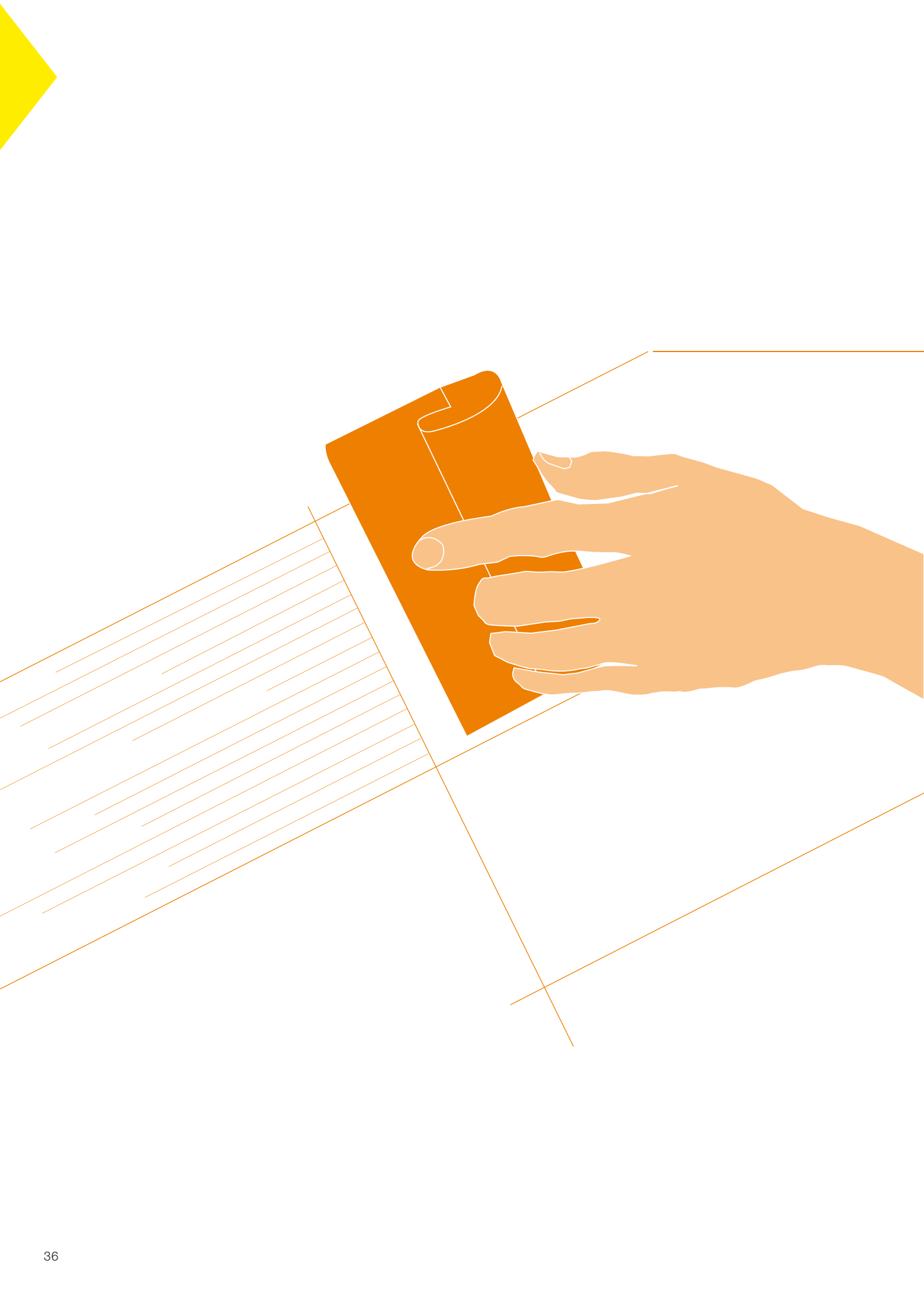
Bonding to a cement-based substrate	In accordance with EN 1348
After 28 days	$\leq 2.4 \text{ N/mm}^2$
After immersion in water	$\leq 1.6 \text{ N/mm}^2$
After heat exposure	$\leq 2.5 \text{ N/mm}^2$
Deformability (EN 12002)	$\geq 5 \text{ mm class S2}$

Consult the technical and safety data sheets for more details.

COVERAGE:

depending on the use.

Packaging: 5 and 25 kg cans.



Laying of marble, granite, natural stones and resin-bonded materials

Classification of certain types of natural stones in relation to the way they can be spoiled, damaged by mechanical action or weathering in the presence of water and/or humidity.		
GROUP TYPOLOGIES		
GROUP A	GROUP B	GROUP C
Formation of stains Recommended product: F.55 CERMARMO	Splits and/or flaking Recommended product: F.55 CERMARMO If damage is extensive: Recommended product: F.50 POLICOL	Concave warping Recommended product: F.50 POLICOL
A FEW EXAMPLES ⁽³⁾		
Brazilian Slate	Biancone	Slates
Ligurian Slate	Classic Botticino	Sandstones in general
Alicante beige	Breccia Medicea	Basaltic of Bagnoregio
Whites of the German Jura	Breccia Onciata	Peperino
Alicantine white	Onyx materials	Carnaglia stone ⁽²⁾
Carrara arabesque white	Breccia pernice/light	Vicenza stone
Siena arabesque white	Pinkish Chiampo	St. Gothard ⁽²⁾
Absolute white	Sardinian Red Ignimbrite	Pietra Serena ⁽²⁾
Castilla white	Pinkish Nembro	Abiano porphyry
Crystal white	Pearly Olympus	Italian antique red
Dolfur white	Red (rojo) Alicante	Levanto red
Carrara white	Verona red	Verona red
Veined statue white	Trani Fiorito	Alpi green
Zandobbio white	Pink Trani	Alpi Fiorito green
Carrara black white	Travertine marble in general	Alpi Romeggiato green
Hawthorn	Valencia cream	Acceglio green
Crystal white	Atlantis pink	Antique green
Crystalline white		Aosta green
Naxos white		Byzantium green
Thassos white		Chiesa green
Calacatta		Absolute green
Calacatta Arni		Aver green
Marfil cream		Jade green
Veined white Lasa		Golette green
Marquinia black		Graziano green
Africa absolute black		Gressoney green
Pink Mexican stone		Guatemala green
Portugal Aurora pink		Imperial green
Beta pink		Issoire green
Perlino pink		St. Nicholas green
Porrino pink		St. Denis green
Light Portugal pink		All stones and marbles that are liable to warp have >0.6 waterlogging coefficient
Glazed Portugal pink		
Granitello materials in general		Composite and resin-bonded materials made with the stones listed above.
Certain types of granite	Composite and cement-based resin-bonded materials ⁽¹⁾	

note:

⁽¹⁾ For cement-based composite materials, we recommend the same adhesive used for the stones that form them.

⁽²⁾ For outdoor use, a stain-proofing and water-repellent treatment is also recommended after fixing. Final cleaning to remove cement-based sealants must be carried out with alkaline products. Since there is a great deal of natural stones and new types are continually being proposed for use in architecture, this classification may be updated from time to time.

⁽³⁾ Consult our technical department if the type of stone you wish to use is not given in the list.

F.60	Rasocem
F.64	Rasoplan
F.63	Rasa Rapido
F.61	Rasofin
F.67	Maltarapid
F.69	Cermalt
F.69	Cermalt Pronto
F.69	Permat
F.77	Cerliv
F.77	Cerliv Rapido
F.77	Cerliv Maxi
F.32	Procem
F.28/G	Appretto
F.29	Ecoprimer T
F.42	Maltex
F.26	Elastoguaina
F.26	Elastoguaina super rossa
F.72	Elastomalta
F.72	Elastomalta mono
F.25	Rete
F.25	Band
F.25	Adhesive Band
F.71	Acquastop

SUBSTRATES

SUBSTRATE PREPARATION

Smoothers . Cement-based screeds . Self-levelling mortars . Primers and hardeners .
Waterproofing agents

02



F.60 RASOCEM

Cement-based quartz smoothing mortar with a low modulus of elasticity for smoothing substrates in 2 to 30 mm layers per coat. No vertical slip. Can be applied with a plaster sprayer.



Suitable for:

- Smoothing and repairing unlevelled walls prior to fixing ceramic tiles or painting, repairing damaged cement-based plasters, non-structural repairs for brick and cellular concrete walls.
- Levelling horizontal cement-based surfaces in general.

For indoor and outdoor use. Horizontal and vertical surfaces.
PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed grey product
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	4.5 l of water per 25 kg bag
Application temperature range	From +5°C to +35°C
*Workability time	≥ 60 min.
*Final setting	3/14 days, depending on thickness
Thickness per coat	2/30 mm
Recommended finish	Float finish
Painting	After approx. 7 days
Tile laying	After 24 hours
Thermal conductivity in dry state at T=10°C	λ_{10} dry=0.67 W/mK P=50% (EN 1745) λ_{10} dry=0.76 W/mK P=90% (EN 1745)
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place

*Data obtained at +20°C and 65% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Compressive strength	
After 7 days	≥ 3.5 N/mm ² Class CS IV according to EN 998-1
After 28 days	≥ 6 N/mm ² Class CS IV according to EN 998-1
Bonding to concrete after 28 days	≥ 0.5 N/mm ²

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

15 kg/m² per cm of thickness

Packaging: 25 kg bags

F.64 RASOPLAN

Universal cement-based smoothing mortar with improved bonding. Based on cement, silicious sands and special additives. To use in up to 3 mm layers per coat. Fine float finish. Excellent applicability and workability.



Suitable for:

- Smoothing and repairing unlevelled walls and substrates prior to fixing ceramic tiles, natural stones or painting.
- Smoothing lime and cement-based plasters even when painted; smoothing substrates made of concrete, wood, cement, old mosaic cladding, well-fixed plastic or mineral cladding.
- Smoothing layer to protect concrete against pollutants.

For indoor and outdoor use. For horizontal and vertical surfaces.
PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed white product
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	5-5.5 l of water per 25 kg bag
Application temperature range	From +5°C to +35°C
*Workability time	90 minutes
Thickness per coat	3 mm
Painting	After at least 7 days
Tile laying	After at least 24 hours
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place

*Data obtained at +20°C and 65% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Flexural strength after 28 days	≥ 5 N/mm ²
Compressive strength after 28 days	≥ 20 N/mm ²
Bonding to concrete after 28 days	≥ 2 N/mm ²

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

1.3 kg/m² per mm of thickness

Packaging: 25 kg bags

F.63 RASA RAPIDO

Fibre-reinforced, fast setting cement-based mortar with a low modulus of elasticity for levelling horizontal and vertical surfaces. Excellent workability and high bonding capacity on all the normal substrates used in building. Thickness obtainable: from 3 to 30 mm per coat. Can be troweled to a float finish.



Suitable for:

- Levelling indoor and outdoor floor surfaces made of adequately prepared concrete.
- Levelling cement-based screeds.
- Refurbishing and adjusting the slopes of terraces and balconies.
- Levelling old floor surfaces made of ceramic, bricks and stone materials prior to over-tiling.
- Levelling and adjusting cement-based plaster.
- Levelling and adjusting all vertical concrete structures.
- Protective levelling of concrete from pollutants.

For indoor and outdoor use. Horizontal and vertical surfaces. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed grey product
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	4.5/5.0 l per 25 Kg bag
Volumic mass of mixture	1.75 Kg/dm ³
*Pot-life of mixture	Approx. 20 minutes
Minimum layer that can be applied	3 mm
Maximum thickness per coat	30 mm
Application temperature range	From +5°C to +35°C
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place

* Data obtained at +23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Compressive strength after 28 days (EN 1504-2)	≥ 20 N/mm ²
Bonding to concrete (EN 1766)	≥ 2 N/mm ²
Bonding to brickwork	≥ 1.5 N/mm ² FP-B
Water permeability coefficient	W < 0.1 Class III (low permeability)
Water vapour permeability (EN 998-1)	S _o < 5 m Class I
Water absorption	< 0.20 W2

Consult the technical and safety data sheets for more details.

COVERAGE:

1.4 kg/m² per mm of thickness.

Packaging: 25 kg bags



F.61 RASOFIN

Fine quartz cement-based white smoothing mortar based on special cements and synthetic additives for smoothing substrates up to 3 mm thick.



Suitable for:

- smoothing and finishing walls prior to fixing ceramic tiles or painting, repairing cracked cement-based plasters, as a finishing coat for walls made of concrete, bricks, cellular cement and plasterboard free from dust.

For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Fine white powder
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	6.8 l of water per 20 kg bag
Application temperature range	From +5°C to +35°C
*Workability time	≥ 60 min.
*Final setting	3/7 days, depending on thickness
Thickness per coat	Up to 3 mm
Recommended finish	Flat trowel
Painting	After approx. 3/4 days
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place

*Data obtained at +20°C and 65% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Curing time	Compressive strength	Flexural strength
After 24 hours	≥ 8.0 N/mm ²	≥ 3.0 N/mm ²
After 7 days	≥ 20 N/mm ²	≥ 4.0 N/mm ²
After 28 days	≥ 22 N/mm ²	≥ 6.0 N/mm ²

Bonding to concrete after 28 days	≥ 1.0 N/mm ²
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Consult the technical and safety data sheets for more details.

COVERAGE:

1.5 kg/m² per mm of thickness

Packaging: 20 kg bags



F.67 MALTARAPID

Fast-drying hydraulic binder based on highly resistant special cements and synthetic additives for creating substrates on which tiles can be fixed. The fibers it contains prevent cracks and splits from forming due to plastic shrinkage. Used for making bonded and floating screeds (also of the heated type) from 2 to 10 cm thick. To be mixed with gravel (0 to 8 mm grain size). The screed obtained is ready to receive any kind of floor cladding (PVC, parquet, carpeting, rubber, ceramic tiles, etc...).

For indoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Fine grey powder
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	400 kg/m ³ of gravel with 0 to 8 mm grain size
Mixing ratio (water)	5/10 l of water per 25 kg of F.67 MALTARAPID depending on aggregate humidity
Application temperature range	From +5°C to +35°C
*Workability time	≥ 30 minutes
*Light walk-over time	2/3 hours
*Ceramic tile laying	After 3 hours
*Natural stone and marble laying	3 hours after having checked residue humidity
*Laying parquet, carpeting, PVC, resilient mat. and humidity sensitive stones	24 hours after having checked residue humidity
*Final setting	After 24 hours
Planned thermal conductivity (λ)	1.35 W/mK (EN 12524)
Thermal resistance	From -30°C to 90°C
Storage	12 months in original packaging in a dry place

*Data obtained at +20°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Compressive strength	Residual humidity(%)	Comp. strength (N/mm ²), dosages:		
		350 kg/m ³	400 kg/m ³	450 kg/m ³
After 24 hours	2/3%	33 N/mm ²	40 N/mm ²	47 N/mm ²
After 3 days	1.6%	42 N/mm ²	47 N/mm ²	51 N/mm ²
After 28 days	Balanced with environment	47 N/mm ²	53 N/mm ²	57 N/mm ²

Consult the technical and safety data sheets for more details.

COVERAGE:

4.0 kg/m² per cm of thickness

Packaging: 25 kg bags



F.69 CERMALT

Semi-fast drying hydraulic binder based on highly resistant special cements and synthetic additives for creating substrates on which tiles can be fixed. Used for making bonded and floating screeds (also of the heated type) from 2 to 10 cm thick. To be mixed with gravel (0 to 8 mm grain size). Free from shrinkage. The screed obtained is suitable for laying ceramic floor tiles after just 24 hours and for laying parquet after 4-7 days.



For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Fine grey powder
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	1 kg with 7/8 kg of gravel with 0 to 8 mm grain size
Mixing ratio (water)	8/10 l of water per 20 kg of F.69 CERMALT depending on aggregate humidity
Application temperature range	From +5°C to +35°C
Mixing time	5-10 minutes
*Workability time	≥ 60 minutes
*Light walk-over time	12 hours
*Ceramic tile laying	After 24 hours
*Natural stone and marble laying	After 2/3 days
*Laying parquet, carpeting, PVC, resilient mat. and humidity sensitive stones	4/7 days after checking residue humidity
*Final setting	After 4/7 days
Planned thermal conductivity (λ)	1.35 W/mK (EN 12524)
Thermal resistance	From -30°C to 90°C
Storage	12 months in original packaging in a dry place

*Data obtained at +20°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Mechanical strength (according to EN 13892) and residual humidity in screeds made with F.69 CERMALT (20 kg), 0-8 mm dried and assorted aggregates (160 kg) and water (11 kg)

Time (days)	Mechanical strength (N/mm ²)		humidity at +20°C - 50% R.H. measured on 4x4x16 cm test pcs
	compression	flexion	
1	≥ 8	≥ 3	≤ 3.5
4	≥ 15	≥ 4	≤ 2.0
7	≥ 22	≥ 5	-
28	≥ 30	≥ 6	-

Consult the technical and safety data sheets for more details.

COVERAGE:

2.0 - 2.5 kg/m² per cm of thickness

Packaging: 20 kg bags

F.69 CERMALT PRONTO

Ready-to-use semi-fast drying and hardening pre-mixed product based on highly resistant special cements and synthetic additives for making substrates. Can be used for making bonding and floating screeds (also of the heated type) from 2 to 8 cm thick. Free from shrinkage. The screed obtained is suitable for laying ceramic floor tiles after just 24 hours and for laying parquet after 4/7 days.



For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Classification according to EN 13813	CT-C30-F6 A1fl
Appearance	Pre-mixed grey product
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio (water)	1.7 l of water per 25 kg bag
Application temperature range	From +5°C to +35°C
Mixing time	5-10 minutes
*Pot-life of mixture	60 minutes
*Light walk-over time	After 12 hours
*Ceramic tile laying	After 24 hours
*Natural stone and marble laying	After 2/3 days
*Laying parquet, carpeting, PVC, resilient mat. and humidity sensitive stones	4/7 days after having checked residue humidity
*Final setting	After 4/7 days
Planned thermal conductivity (λ)	1.35 W/mK (EN 12524)
Thermal resistance	From -30°C to 90°C
Storage	12 months in original packaging in a dry place

*Data obtained at +20°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Compressive, flexural strength	compression (N/mm ²) EN 13813	flexion (N/mm ²) EN 13813	residual humidity (%)
after 1 day	≥ 8	≥ 3	≤ 3.5
after 4 days	≥ 15	≥ 4	≤ 2.0
after 7 days	≥ 22	≥ 5	-
after 28 days	≥ 30 (class C30)	≥ 6 (class F6)	-

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

18-20 kg/m² per cm of thickness (depending on subsidence and evenness of substrate)

Packaging: 25 kg bags

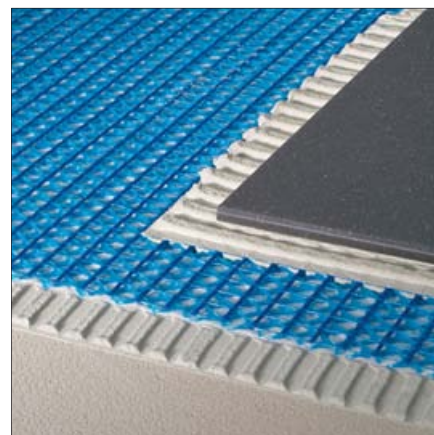
F.69 PERMAT

Special cushioning material for places subject to high stress and for unstable substrates.

In a layer just 3 mm thick, F.69 PERMAT separates the floor surface from the substrate in a safe way while neutralizing the tensions. It also stops new cracks from forming in the substrate, thus preventing the appearance of crackles on the tiled surface.

The cushioning material is glued to the substrate with mixed-binder adhesives, such as F.55 TIXOFLOT or F.55 CERMONO.

The new floor surface can be fixed to the cushioning material anchored to the substrate, using mixed-binder adhesives like F.55 TIXOFLOT or F.55 CERMONO.



F.69 PERMAT can be applied to the following substrates:

- Cement-based screeds;
- Cured concrete;
- Dry anhydrite screeds (max. residue humidity 0.5%), after applying primer (F.28/G APPRETTO);
- Heated screeds with water or electric coil systems;
- Existing wooden planks or parquet (apply HAFTPRIMER S before glueing the cushioning material);
- Existing resin floors (apply HAFTPRIMER S before glueing the cushioning material);
- Existing ceramic floors.

For indoor floors. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Non-woven polypropylene fabric bonded with fibreglass netting able to withstand the alkalinity of the cement
Hazard classification	Consult the technical and safety data sheets for more details
Thickness	3.3 mm
Weight	approx. 0.8 kg/m ²
Size	0.97 m X 0.62 m (0.60 m ²)
Storage	unlimited in a dry place

Consult the technical and safety data sheets for more details.

Packaging: Boxes with 30 sheets measuring 0.6 m² (18 m² per pack).

F.77 CERLIV

Self-levelling mortar based on nanotechnologic fluidifiers and on high resistance cements, special binders and synthetic additives.

Used for levelling screeds in layers up to 10 mm thick.

Excellent spreading ability and workability: once it has hardened, it possesses excellent resistance to abrasion and compressive strength. Suitable for all types of floor cladding (PVC, parquet, carpeting, rubber, ceramic tiles, etc...), even on heated screeds.

Levelling already fixed, correctly prepared floor surfaces.



For indoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Grey powder
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	6.4 l of water per 25 kg bag
Application temperature range	From +5°C to +35°C
*Workability time	20/30 minutes
*Walk-over time	4/6 hours
*Laying of ceramics and stable natural stones (max. humidity of substrate 6%)	24/48 hours
*Laying parquet, carpeting, PVC and resilient materials (max. humidity of substrate 2%)	3/7 days
Thermal resistance	From -30°C to 90°C
Storage	12 months in original packaging in a dry place

*Data obtained at +23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Compressive strength:	
After 24 hours	≥ 10 N/mm ²
After 7 days	≥ 20 N/mm ²
After 28 days	≥ 30 N/mm ²
Flexural strength:	
After 24 hours	≥ 3.0 N/mm ²
After 7 days	≥ 5.0 N/mm ²
After 28 days	≥ 8.0 N/mm ²
Bonding to concrete:	
After 28 days	≥ 1.0 N/mm ²

Consult the technical and safety data sheets for more details.

COVERAGE:

1.6 kg/m² per mm of thickness

Packaging: 25 kg bags

F.77 CERLIV RAPIDO

Self-levelling fast drying/hardening mortar based on nanotechnologic fluidifiers and on high resistance cements, special binders and synthetic additives. Used for levelling screeds in layers up to 10 mm thick. Excellent spreading ability and workability: once it has hardened, it possesses excellent resistance to abrasion and compressive strength. Suitable for all types of floor cladding (PVC, parquet, carpeting, rubber, ceramic tiles, etc...), even on heated screeds.

Levelling already fixed, correctly prepared floor surfaces.



For indoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Grey powder
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio:	6.0/6.5 l of water per 25 kg bag
Application temperature range	From +5°C to +35°C
*Workability time	20/30 minutes
*Walk-over time	3 hours
*Time to wait before laying parquet, ceramics, PVC, etc.	6/12 hours (depending on thickness)
Thermal resistance	From -30°C to 90°C
Storage	12 months in original packaging in a dry place

*Data obtained at +23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Compressive strength:	
After 24 hours	≥ 15 N/mm ²
After 7 days	≥ 22 N/mm ²
After 28 days	≥ 30 N/mm ²
Flexural strength:	
After 24 hours	≥ 3.5 N/mm ²
After 7 days	≥ 6.0 N/mm ²
After 28 days	≥ 8.0 N/mm ²
Bonding to concrete:	
After 28 days	≥ 1.0 N/mm ²

Consult the technical and safety data sheets for more details.

COVERAGE:

1.6 kg/m² per mm of thickness

Packaging: 25 kg bags

F.77 CERLIV MAXI

Self-levelling fast drying/hardening mortar based on nanotechnologic fluidifiers, special binders and synthetic additives. Very easy to pump. Used for levelling substrates in layers 3 to 30 mm thick. Excellent spreading ability and workability: once it has hardened, it possesses excellent resistance to abrasion and compressive strength. Suitable for all types of floor cladding (PVC, parquet, carpeting, rubber, ceramic tiles, etc...), even on heated screeds. Levelling already fixed, correctly prepared floor surfaces.



For indoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Grey powder
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	4.7 l of water per 25 kg bag
Application temperature range	From +5°C to +35°C
*Walk-over time	after approx. 3 hours
*Ceramics and stable natural stones (max. humidity of substrate 6%)	3/6 hours (depending on thickness)
*Laying parquet, carpeting, PVC and resilient materials (max. humidity of substrate 2%)	12/24 hours (depending on thickness)
Thermal resistance	From -30°C to 90°C
Storage	12 months in original packaging in a dry place

*Data obtained at +23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Compressive strength:	
After 24 hours	≥ 20 N/mm ²
After 7 days	≥ 27 N/mm ²
After 28 days	≥ 35 N/mm ²
Flexural strength:	
After 24 hours	≥ 3.5 N/mm ²
After 7 days	≥ 5.0 N/mm ²
After 28 days	≥ 8.0 N/mm ²

Consult the technical and safety data sheets for more details.

COVERAGE:

1.7 kg/m² per mm of thickness

Packaging: 25 kg bags

F.32 PROCEM

Odourless, colourless single-component strengthener with a high penetration capacity based on synthetic active principles in watery dispersion. Allows all cement-based surfaces (such as screeds and plasters, so long as they are dry) that have not hardened perfectly or that tend to crumble, to be treated prior to laying ceramic tiles. Also suitable for consolidating cement-based sealants that are not very compact. In this case, clean the surfaces adjacent to the joints with a damp cloth before they dry. Excellent anti-dust effect for worn old screeds. Do not cover the treated parts for at least 36/48 hours.

For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Liquid solution
Colour	Transparent, colourless
Hazard classification	Consult the technical and safety data sheets for more details
Application temperature range	From +5°C to +35°C
*Laying ceramic tiles, natural stones, parquet, PVC, carpeting & res. mat.	After 36/48 hours
Thermal resistance	From -30° to +90°C
Storage	24 months in original packaging in a dry place PROTECT AGAINST FROST.

*Data obtained at +23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

200-300 g/m² depending on the degree of absorption of the substrate.

Packaging: 5 kg cans



F.28/G APPRETTO

Single-component primer containing synthetic resins in watery dispersion. Suitable for treating surfaces in gypsum, scagliola, anhydrite (after sanding) before ceramic tiles or natural stones are fixed with cement-based adhesives. Also recommended as a surface strengthener for brickworks, plasters and substrates. Suitable as a primer on very porous substrates before the smoothing products of the F.77 line are used. Reduces the absorption of porous surfaces and improves the bonding power of cement-based adhesives.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Light blue latex
Hazard classification	Consult the technical and safety data sheets for more details
pH	8.0
Application temperature range	From +5°C to +35°C
*Laying ceramic tiles, natural stones, parquet, PVC, carpeting & res. mat.	After 3/4 hours
Thermal resistance	From -30° to +90°C
Storage	24 months in original packaging in a dry place PROTECT AGAINST FROST AND HIGH TEMPERATURES.

*Data obtained at +23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

100/200 g/m² depending on the degree of absorption of the substrate.

Packaging: 5 or 25 kg cans.



F.29 ECOPRIMER T

Solvent-free acrylic primer, bonding promoter, with ultra-low emission of volatile organic compounds (VOC).

Suitable for:

- treating absorbent surfaces such as gypsum, scagliola, plasterboard and very porous cement-based substrates prior to laying ceramic tiles or treatments with cement-based levelling products. Suitable for unpainted panels made of chipboard and plywood for nautical use, existing substrates covered with epoxy paints.
- As a bonding promoter for self-levelling mortars (F.77 range), smoothing mortars, cement-based adhesives and plasters on poorly absorbent surfaces such as old floors in ceramic materials, very compact concrete, old smoothing mortars, residues of cement-based adhesives or old water-resistant glue.

For vertical and horizontal surfaces. For indoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Fluid liquid
Hazard classification	Consult the technical and safety data sheets for more details
Volumic mass	1.03 g/cm ³
pH	7.5
Application temperature range	From +5°C to +35°C
*Adhesive or smoothing compound over-application time	- concrete-wood - ceramic 4/5 hours
Storage	24 months in original packaging in a dry place

*Data obtained at 23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

100-200 g/m², depending on the degree of porosity of the substrate and the method used for applying the product.

Packaging: 5 kg cans



F.42 MALTEX

Synthetic latex specifically formulated as an additive for sand-cement mortars and bonding mortars. Totally or partially replaces the water used for mixing. Makes the mortars better able to bond, more compact, waterproof, able to withstand adverse atmospheric agents and pollutants.

Reduces the formation of cracks due to plastic shrinkage. Increases the bond on smoothed concrete surfaces.

Suitable for mortar used for: making cement-based screeds and plasters, re-casting and repairing concrete.

Suitable substrates: cement-based plasters and screeds, cured concrete floor slabs, cellular cement, heated screeds, existing floors and ones subject to heavy traffic.

For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Thick milky liquid
Colour	White
Hazard classification	Consult the technical and safety data sheets for more details
pH	10
Mixing ratio for bonding screeds	Thickness (10-35 mm) 1 part F.42 and 3 parts water
pH of mixture	9,5
Brookfield viscosity (mPa s)	40
Solid residue	40%
Application temperature range	From -30°C to +90°C
Storage	24 months in the original closed packaging. PROTECT AGAINST FROST.

COVERAGE:

depending on the use.

Packaging: 5 and 25 kg drums and 1 kg tins in boxes containing 12 pcs.



F.26 ELASTOGUAINA

Ready-to-use acrylic elastomeric final coating membrane in a watery dispersion for waterproofing balconies, terraces, shower cubicles prior to laying wall tiles and as a protective treatment for gutters, stacks, eaves, gypsum, scagliola or anhydrite walls. Provides the structures with excellent protection against adverse atmospheric agents and U.V. rays.

Highly flexible and vapour permeable. Do not use in swimming pools, on surfaces that slope in an uneven way, on wet substrates or ones subject to rising damp. Apply two crossed coats 2 mm thick. Wait for the first coat to dry before applying the second one. Dilute up to 20% with water for spray application.



For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Semi-fluid paste in a watery dispersion light grey in colour
Hazard classification	Consult the technical and safety data sheets for more details
pH	9.0
Application temperature range	From +5°C to +35°C
Solid residue	75%
*Time between first and second coat	2 hours
*Time to wait before laying ceramic tiles	12/24 hours
*Water vapour permeability (μ)	650 (UNI 8202)
Thermal resistance	From -30°C to +100°C
Storage	24 months in original packaging in a dry place PROTECT AGAINST FROST.

*Data obtained at +23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

1.5 kg/m² per mm of thickness (recommended thickness at least 2 mm).

Packaging: 5 and 25 kg buckets

F.26 ELASTOQUAINA SUPER

red colour

Acrylic-based elastomeric liquid coating mortar for waterproofing indoor and outdoor environments and for permanent encapsulation.



Suitable for:

- Waterproofing of impracticable balconies.
- Indoor and outdoor waterproofing of surfaces that are not subject to continually stagnating water.
- Waterproofing gutters, eaves, stacks, etc.

To waterproof the surfaces, apply the product in 2 crossed coats so as to form a final layer at least 2 mm thick.

Do not apply to surfaces that are continually immersed or to wet substrates subject to rising damp. The product can be applied with a brush, roller or spray applicator.

For vertical and horizontal surfaces. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Fluid paste in a watery dispersion
Hazard classification	Consult the technical and safety data sheets for more details
pH	8.5
Application temperature range	From +5°C to +40°C
Solid residue	70%
*Time between first and second coat	Approx. 12 hours
*Time to wait prior to laying tiles	At least 24 hours
*Final hardening for layers 3 mm thick	7 days
*Resistance to the passage of water vapour (μ)	600 (UNI 8202)
Storage	24 months in original packaging in a dry place
PROTECT AGAINST FROST.	

*Data obtained at +23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

Depending on the use. 1.0-1.5 Kg/m² per mm of thickness, depending on the application method (recommended thickness at least 2 mm).

Packaging: 5 kg buckets

F.72 ELASTOMALTA

Extremely flexible, transpiring, waterproofing, two-component (powder and latex), fiber-reinforced cement-based final coating mortar. Once the product has hardened, it forms a flexible, waterproof layer with excellent resistance to the atmospheric agents. Bonds extremely well to concrete, brickwork and ceramic surfaces since it contains a high percentage of synthetic resins.



Suitable for:

- Waterproofing flat surfaces such as balconies, terraces, concrete roofs unfit for pedestrian traffic, basins, cisterns and swimming pools.
- As a finishing protection for concrete surfaces (also vertical) against the action of smog, carbon dioxide and sea salt (saltiness in the air) (use F.25 RETE in these cases), for waterproofing old terraces and balconies clad in ceramic tiles, paving tiles, porcelain and cement prior to laying new flooring materials with adhesives from the F.55 line. Add 2 kg of component B for brush application. Apply a 2/3 mm layer in two crossed coats. To increase the ability to withstand movements that can create cracks on the surface, insert F.25 RETE between the first and second coat.

Mix 24 kg of component A with 10 kg of component B for application with a roller or brush.

For vertical and horizontal surfaces. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

	Comp. A	Comp. B
Appearance	Grey powder	White latex
Hazard classification	Consult the technical and safety data sheets for more details	
Mixing ratio	Powder/latex A/B=3/1	
Application temperature range	From +8°C to +35°C	
*Pot-life of mixture	60 min.	
Thickness obtained	2 mm per coat	
Recommended thickness	2/3 mm	
*Walk-over time	24/36 hours	
*Laying ceramic tiles, natural stones, parquet, vinyl and composite flooring.	36/48 hours	
*Final setting	After 14 days	
Thermal resistance	From -30° to +90°C	
Storage Comp. A	12 months in original packaging in a dry place.	
Storage Comp. B	24 months in original packaging in a dry place. PROTECT AGAINST FROST.	

*Data obtained at +20°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Bonding to concrete	
After 28 days at +20°C and 50% RH	1.1 N/mm ²
After 7 days at + 20°C and 50% RH +21 days in water	0.6 N/mm ²
Elongation DIN 53504 after 28 days at +20°C and 50% RH	30%

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

1.6 kg/m² per mm of thickness (recommended thickness 2 mm).

Packaging: 24 kg bags (Comp. A) and 8 kg drums (Comp. B).

The above values may vary to a considerable extent owing to particular environmental conditions, temperature, humidity, ventilation, absorbcency of the substrate or tiling materials.

F.72 ELASTOMALTA MONO

Waterproofing, transpiring, highly flexible, fibre-reinforced single component cement mortar. Once blended with water, the product forms a mixture that can be easily worked with a trowel, roller or brush. It can also be applied to vertical surfaces without sagging. Once the product has hardened, it forms a flexible, waterproof layer that is highly resistant to the weather conditions. Excellent bond to concrete, brickwork and ceramic surfaces since it contains a high percentage of synthetic resins. Complies with EN 14891 norm.



Suitable for:

- Waterproofing balconies, terraces, bathrooms, showers, prior to laying ceramic tiles.
- Protecting plastered or concrete surfaces with cracks caused by shrinkage, or for protection against the penetration of water and the aggressive salts in the atmosphere.
- Waterproofing concrete structures, plastered surfaces and cement-based screeds.

The product must be applied in at least 2 coats, so as to obtain a final thickness of no less than 2 mm and no more than 4 mm. Do not apply coats more than 2 mm thick. To increase the ability to withstand movements that can create cracks on the surface, insert F.25 RETE between the first and second coat.

When applying with a roller or brush, add 5,8 liters of water to 20 kg of product. If the product is applied with a trowel, add 5,4 liters of water per 20 kg of product.

For vertical and horizontal surfaces. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Grey powder
Hazard classification	Consult the technical and safety data sheets for more details
Inflammability	No
Mixing ratio	5,4-5,8 l of water per 20 kg (5,8 l fluid consistency)
Application temperature range	From +5°C to +35°C
Pot-life of mixture	60 min.
Thickness obtained	Max 4 mm (per single coat max. 2 mm)
Recommended thickness	2/3 mm
Laying of ceramics tiles, natural stones, parquet, vinyl and composite materials	48 hours
Storage	12 months in original packaging in a dry place

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

Consult the technical and safety data sheets for more details.

COVERAGE:

1.1 Kg/m² per mm of thickness (recommended minimum thickness: 2 mm).

Packaging: 20 kg bags

F.25 RETE

100% fibre glass mesh treated with anti-alkaline primer.

Suitable for:

- Reinforcing between a first and second waterproofing coat of the F.72 ELASTOMALTA type.
- Reinforcement of dehumidifying plasters such as F.78 MUROSAN and F.78 MUROSAN FINE, and smoothing plasters such as F.60 RASOCER, F.61 RASOFIN, F.64 RASOPLAN and F.63 RASOQUICK.
- Reinforcement of smoothing mortars made with F.11 BIOTHERM on thermal insulation systems (F.25 RETE possesses ETAG 004 European technical approval for insulation systems).



For vertical and horizontal surfaces. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Mesh with anti-alkaline primer
Hazard classification	Consult the technical and safety data sheets for more details
Mesh size	4.0x4.5 mm
Linear density per 100 mm warp weft	21x2 17.5
Weight of primer-impregnated netting	145 g/m ²
Length of roll	50 m
Width of roll	100 cm
Tensile strength (standard conditions)	2100 N/5 cm
Tensile elongation (standard conditions)	3.8%
Storage	Unlimited in original packaging in a dry place

Consult the technical and safety data sheets for more details.

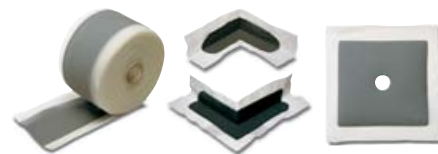
Packaging: 50 m² roll wound with polyethylene.

F.25 BAND

Rubber-coated fabric tape for elastic waterproofing of floor-wall joints, wall-wall joints, expansion joints, corners and edges, and near pipes or drains.

Suitable for:

- Industrial and domestic buildings exposed to permanent or occasional humidity, e.g. swimming pools, balconies, terraces, shower cubicles, bathrooms, kitchens, etc., in conjunction with waterproofing systems of the acrylic type such as F.26 ELASTOGUAINA, or the cementitious type such as F.72 ELASTOMALTA applied to the substrates commonly used in the building sector (plasterboard, concrete, wood, etc.). The surfaces must then be clad with ceramic tiles, natural stones or similar materials.



For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Rubber tape with synthetic fabric backing.
Hazard classification	Consult the technical and safety data sheets for more details
Colour	grey
Total width	100±3 mm
Width of rubber part	50±3 mm
Weight of rubber part	260 g/mm ²
Total thickness	0.64 mm±10%
Thickness of non-woven fabric	0.40 mm±10%
Weight of non-woven fabric	70 g/mm ²
Compressive strength	2.00 Atm
Elongation at break	135%
Peeling resistance	12.73 N 10 mm
Ozone resistance	Yes (DIN 53509)
U.V. resistance	excellent
Shore A hardness	55±5 (DIN 53505)
Thermal resistance	-30°C to +90°C
Storage	unlimited in a dry place

Consult the technical and safety data sheets for more details.

Packaging: F.25 Band: 50 m rolls

F.25 Inner corner: Inner corner (140 mm per side). Boxes of 25 pcs.

F.25 Outer corner: Outer corner (140 mm per side). Boxes of 25 pcs.

F.25 Scarichi: Pipe sealing. Boxes of 25 pcs.

F.25 BAND ADESIVA (adhesive band)

Water-repellent, self-adhesive sealing tape in butyl cement covered in non-woven fabric for elastic waterproofing of floor-wall joints and to help repairing the cracks in cement-based substrates.

Suitable for:

- Domestic buildings exposed to permanent or occasional humidity, e.g. swimming pools, balconies, terraces, shower cubicles, bathrooms, kitchens, etc... in conjunction with waterproofing systems of the acrylic type such as F.26 ELASTOGUAINA, or the cementitious type such as F.72 ELASTOMALTA, applied to the substrates commonly used in the building sector. The surfaces must then be clad with ceramic tiles, natural stones or similar materials.

For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance (external coating)	polypropylene and polyester
Appearance (internal)	butyl cement
Hazard classification	Consult the technical and safety data sheets for more details
Dimensions	total width 80 mm
Breaking strength (fabric)	machine direction 90 N/5 cm - crosswise direction 65 N/5 cm
Bonding	peeling at 90°C on steel ± 4 N/cm
Thermal resistance	from -30°C to 80°C
Storage	12 months in closed original packaging
Storage information	Store at a temperature of no more than 30°C. If stored at higher temperatures, it may be difficult to remove the silicone paper from the butyl at the time of use.

Consult the technical and safety data sheets for more details.

Packaging: 10 meter rolls in boxes of 8 pcs.



F.71 ACQUASTOP (A+B+C)

Three-component transpiring waterproofing coat based on epoxy resins and selected aggregates for surfaces subject to rising damp.



Suitable for:

- Waterproofing basins contain water and chemicals, waterproofing compact or porous damp cement-based substrates with 8% maximum residual humidity (measured with a carbide hygrometer).
- Allows parquet, resilient materials, PVC and rubber to be fixed with two-component adhesives only 24/36 hours after application.
- As it is solvent-free, it can also be used on uncured concrete and in closed or underground places. The product can be diluted for spray application. Waterproofing treatment for chemical unloading platforms in concrete.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Comp.A: white liquid Comp.B: viscous white liquid Comp.C: white powder
Mixing ratio	Pre-batched
Hazard classification	Consult the technical and safety data sheets for more details
Brookfield viscosity (mPa*s) (shaft 7 turns 10)	120,000
Application temperature range	From +5°C to +35°C
*Pot-life of mixture	≥ 40 min.
*Dry to the touch	After 4-6 hours
*Time to wait between the first and second coat	4-6 hours
*Walk-over time	After 24 hours
*Laying ceramic tiles, carpeting, parquet and resilient materials	after about 24-36 hours
*Final setting time	7 days
Thermal resistance	From -35°C to +100°C
Storage	12 months in original packaging in a dry place PROTECT AGAINST FROST.

FINAL PERFORMANCE

Withstands the passage of wheelchairs	Yes
Bonding to ceramic	≥ 3.5 N/mm ² (breakage of the ceramic)
Bonding to concrete	≥ 3.0 N/mm ² (breakage of the concrete)

*Data obtained at 23°C and 50% relative humidity.

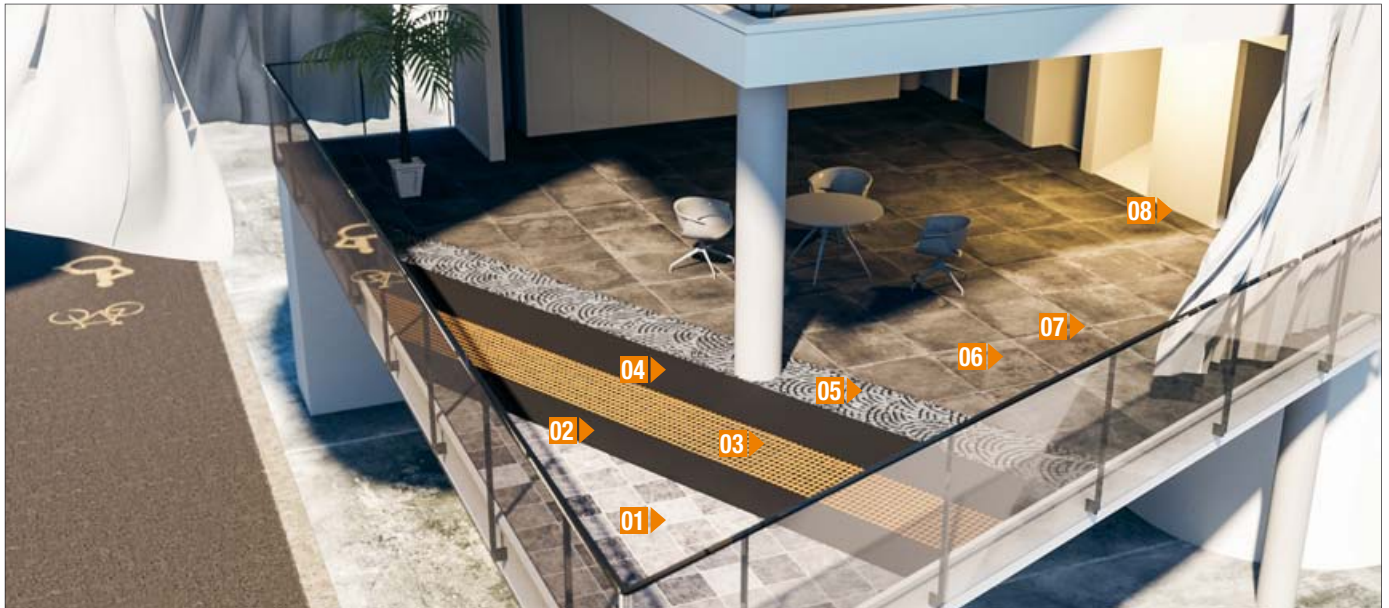
Consult the technical and safety data sheets for more details.

COVERAGE:

1.5-2 kg/m² depending on the flatness of the substrate.

Packaging: 5 kg kits (0.6+1.9+2.5)

WATERPROOFING OF BALCONIES AND TERRACES



- 01** ▶ Existing floors or cement-based screeds
- 02** ▶ Waterproofing (1st coat) F.72 Elastomalta A+B / F.72 Elastomalta mono
- 03** ▶ Reinforcing with F.25 Rete
- 04** ▶ Waterproofing (2nd coat) F.72 Elastomalta A+B / F.72 Elastomalta mono
- 05** ▶ Improved cement-based adhesives: F.55 Cermono - Maxiflot - Greenfix - Greenflot - Cerfix - Tixoflot
- 06** ▶ Ceramic tiles
- 07** ▶ Grouting: F.15 Unistuc - F.15 Setastuc - F.15 edilstuc - Titecfuge
- 08** ▶ Expansion and perimeter joints: F.31 Silicone acetico - F.35 Silicone neutro - F.46 GCE - Sanitär silikon

WATERPROOFING OF TANKS AND SWIMMING POOLS



- 01** ▶ Concrete substrate
- 02** ▶ Planarity adjustment: F.76 Tixo or F.60 Rasocem + F.70 Cerlatex
- 03** ▶ Waterproofing (1st coat) F.72 Elastomalta A+B
- 04** ▶ F.25 Band
- 05** ▶ Reinforcing with F.25 Rete
- 06** ▶ Waterproofing (2nd coat) F.72 Elastomalta A+B
- 07** ▶ Single-component deformable cement-based adhesive: F.55 Cerfix
- 08** ▶ Ceramic tiles
- 09** ▶ Grouting: F.15 Setastuc - F.15 Unistuc - F.40 Cerpoxy - F.40 Cerpoxy ART- F.40 Cerpoxy AP
- 10** ▶ Expansion and perimeter joints: F.31 Silicone neutro - Sanitär silikon



F.15	Cerstuc fine 0-4 mm
F.15	Setastuc 0-6 mm
F.15	Unistuc 1-20 mm
F.15	Edilstuc 3-15 mm
F.15	Maltastuc
F.15	Vetroblock
F.15/L	Fugolat
F.80	Liquid and powder Cernet
F.80	Marmonet
F.80	Sgrassante
F.40	Cerpoxy 3-10 mm
F.40	Cerpoxy AP
F.40	Cerpoxy ART
F.40	Cerpoxy Glitter
F.80	Epoxynet
F.31	Silicone acetico
F.35	Silicone neutro
F.31	Primer Sil Ac
F.46	Giunto colabile elastico

SEALANTS

SEALANTS FOR FLOOR AND WALL JOINTS

Cement-based and epoxy sealants . Additives for sealants . Silicones . Detergents

03





F.15 CERSTUC FINE 0-4 mm (white)

Single-component grout based on special cements with high abrasion and compression resistance, such as PTL 52.5R, quartz aggregates and synthetic additives that make the mixture extremely workable, smooth and easy to clean. Suitable for sealing the gaps between any type of material, porcelain, vitreous mosaic, marble and natural stone between 0 and 4 mm in width (even tiles laid one close to the other) without creating cracks or slits. Mix with F.15/L Fugolat to improve bonding, compactness and to reduce joint absorption. Smooth finish. Belongs to class CG2 WA according to EN 13888.



For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Fine powder
Colours	White
Hazard classification	Consult the technical and safety data sheets for more details
Weight density	1.4 g/cm ³
Mixing ratio	1.5 l per 5 kg bag
*Time between fixing and grouting:	
- Floors with cement-based adhesive	24/36 hours
- Floors with rapid adhesive	3-6 hours
- Floors fixed with mortar	approx. 10 days
- Wall tiles with adhesive	6-8 hours
- Wall tiles fixed with mortar	approx. 2-3 days
Application temperature range	From +5°C to +35°C
*Pot-life of mixture	≥ 60 minutes
*Walk-over time	After 24 hours
Fit for use	After 3 days
*Final setting	After 10/15 days
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place (paper bags)

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Classification according to EN 13888	Class CG2 WA	(ISO 13007-3)
Compressive strength:		
- After 28 days	≥ 15 N/mm ²	EN 13888
- After 25 freezing-thawing cycles	≥ 15 N/mm ²	EN 13888
Flexural strength:		
- After 28 days	≥ 3.5 N/mm ²	EN 13888
- After 25 freezing-thawing cycles	≥ 3.5 N/mm ²	EN 13888
U.V. resistance	Excellent	

*Data obtained at +23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

Consult the table on page 79

Packaging: 1 kg packets in boxes containing 12 pcs

F.15 SETASTUC 0-6 mm



Single-component water-repellent anti-mould grout based on special cements with high abrasion and compression resistance, such as PTL 52,5R, quartz aggregates and synthetic additives that make the mixture extremely workable, smooth and easy to clean. Suitable for sealing joints from 0 to 6 mm in width between any type of material, vitrified stoneware, vitreous mosaic, marble and natural stone without creating cracks or slits. Smooth finish.

Latex need not be added.

Belongs to class CG2 WA according to EN 13888.



For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed cement-based product
Colours	Various
Hazard classification	Consult the technical and safety data sheets for more details
Weight density	1.4 g/cm ³
Mixing ratio	6.5 l per 25 kg bag 1.3 l per 5 kg packet
*Time between fixing and grouting:	
Floors with cement-based adhesive	24/36 hours
Floors with rapid adhesive	3/6 hours
Floors fixed with mortar	approx. 10 days
Wall tiles with adhesive	6-8 hours
Wall tiles fixed with mortar	approx. 2-3 days
Application temperature range	From +5°C to +35°C
*Pot-life of mixture	≥ 40 minutes
*Walk-over time	24 hours
*Final setting	3/4 days
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place (paper bags) 24 months in original packaging in a dry place (5 kg bags in PE)

The product conforms to the provisions established by Reg. (CE) No. 1907/2009 (REACH) – All. XVII, Item 47.

FINAL PERFORMANCE

Classification according to EN 13888	Class CG2 WA	(ISO 13007-3)
Compressive strength		
- After 28 days	≥ 15 N/m ²	EN 13888
- After 25 freezing-thawing cycles	≥ 15 N/m ²	EN 13888
Flexural strength:		
- After 28 days	≥ 2.5 N/mm ²	EN 13888
- After 25 freezing-thawing cycles	≥ 2.5 N/mm ²	EN 13888
U.V. resistance	Excellent	

* Data obtained at +23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

Consult the table on page 79

Packaging: 25 kg bags or 5 kg packets in boxes containing 25 kg

F.15 UNISTUC 1-20 mm



Single-component water-repellent anti-mould, grout based on special cements with high abrasion and compression resistance, such as PTL 52.5R, quartz aggregates and synthetic additives that make the mixture extremely workable, smooth and easy to clean. Suitable for sealing the gaps between any type of material, porcelain, vitreous mosaic, marble and natural stone between 1 and 20 mm in width without creating cracks or slits.

Latex need not to be added. Available in 26 colours.
Belongs to class CG2 WA according to EN 13888.



For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed product
Colours	Various
Hazard classification	Consult the technical and safety data sheets for more details
Weight density	1.4 g/cm ³
Mixing ratio	5.5 l of water per 25 kg bag 1.1 l per 5 kg packet
*Time between fixing and grouting:	
- Floors with cement-based adhesive	24/36 hours
- Floors with rapid adhesive	3-6 hours
- Floors fixed with mortar	approx. 10 days
- Wall tiles with adhesive	6-8 hours
- Wall tiles fixed with mortar	approx. 2-3 days
Application temperature range	From +5°C to +35°C
*Pot-life of mixture	≥ 40 minutes
*Walk-over time	After 24 hours
*Final setting	After 3/4 days
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place (paper bags) 24 months in original packaging in a dry place (5 kg bags in PE)

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Classification according to EN 13888	Class CG2	(ISO 13007-3)
Compressive strength:		
- After 28 days	≥ 15 N/mm ²	EN 13888
- After 25 freezing-thawing cycles	≥ 15 N/mm ²	EN 13888
Flexural strength:		
- After 28 days	≥ 2.5 N/mm ²	EN 13888
- After 25 freezing-thawing cycles	≥ 2.5 N/mm ²	EN 13888
U.V. resistance	Excellent	

*Data obtained at +23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

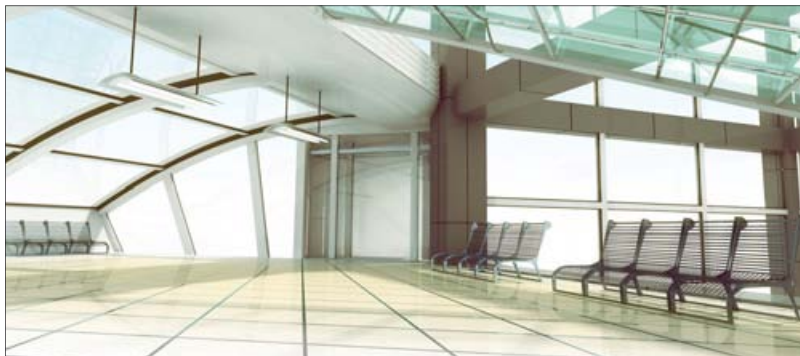
Consult the table on page 79

Packaging: 25 kg bags or 5 kg packets in boxes containing 25 kg

F.15 EDILSTUC 3-15 mm

Single-component grout based on special cements with high abrasion and compression resistance, such as PTL 52.5R, quartz aggregates and synthetic additives that make the mixture extremely workable, smooth and easy to clean. Suitable for sealing the gaps between any type of material, porcelain, vitreous mosaic, marble and natural stone between 3 and 15 mm in width without creating cracks or slits. Especially recommended for large areas. Mix with F.15/L Fugolat to improve bond, compactness and to reduce joint absorption.

Float finish. Easy to apply and quickly cleaned. Belongs to class CG2 WA according to EN 13888.



For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed product
Colours	Various
Hazard classification	Consult the technical and safety data sheets for more details
Weight density	1.7 g/cm ³
Mixing ratio	5.0 l per 25 kg bag
*Time between fixing and grouting:	
- Floors with cement-based adhesive	24/36 hours
- Floors with rapid adhesive	3-6 hours
- Floors fixed with mortar	approx. 10 days
- Wall tiles with adhesive	6-8 hours
- Wall tiles fixed with mortar	approx. 2-3 days
Application temperature range	From +5°C to +35°C
*Pot-life of mixture	≥ 60 minutes
*Walk-over time	After 24 hours
Fit for use	After 3 days
*Final setting	After 10/15 days
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Classification according to EN 13888	Class CG2 WA	(ISO 13007-3)
Compressive strength:		
- After 28 days	≥ 15 N/mm ²	EN 13888
- After 25 freezing-thawing cycles	≥ 15 N/mm ²	EN 13888
Flexural strength:		
- After 28 days	≥ 3.5 N/mm ²	EN 13888
- After 25 freezing-thawing cycles	≥ 3.5 N/mm ²	EN 13888
U.V. resistance	Excellent	

*Data obtained at +23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

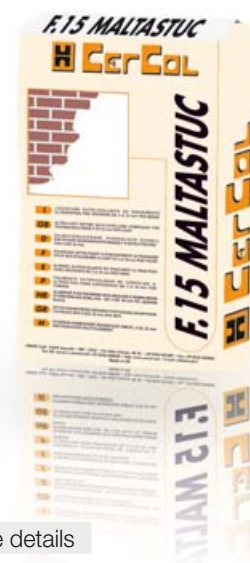
COVERAGE:

Consult the table on page 79

Packaging: 25 kg bags

F.15 MALTASTUC

Cement-based water-repellent refurbishing mortar for building and grouting (joints width: minimum 5 mm) walls made of stone and fair-face bricks. Suitable for refurbishing brickwork, structures made of solid bricks, tufa, natural and composite stones and for coloured smoothing for indoor and outdoor. Product with no vertical slip, a high bonding capacity and resistance to atmospheric agents.



For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed product
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	4:4,5 l per 25 kg bag
Volumic mass of mixture	1800 kg/m ³
*Pot-life of mixture	Approx. 4 hours
Minimum width of the joints	5 mm
Maximum granulometry	1 mm
Thickness per coat	5-20 mm
Application temperature range	From +5°C to +35°C
Thermal resistance	from -30°C to +90°C
Storage	12 months in original packaging in a dry place

*Data obtained at +23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Compressive strength after 28 days	≥ 10 MPa
Bonding to substrate	≥ 1,0 MPa – FB:B
Cut resistance	0,30 MPa
Water absorption	≤ 0,2 Kg/(m ² min ^{0,5})
Coefficient of permeability to water vapour μ	23
Thermal conductivity (λ _{10,dry} ; P=50%)	0,67 W/mK
Reaction to fire	A1
Chloride content	≤ 0,01%
Abrasion resistance (EN 12808-2)	≤ 1000 mm ³ (alta resistenza abrasione)

Consult the technical and safety data sheets for more details.

COVERAGE:

Varies according to the size of the stones and the width of the joints.
As mortar for plaster: approx 1,6 Kg/m² per mm of thickness.

Packaging: 25 kg bags

F.15 VETROBLOCK

Special single-component mortar for laying and sealing glass blocks, based on high resistance PTL 52.5R cements, spheroidal quartz and synthetic additives. Suitable for shrink-free sealing of joints from 2 to 20 mm in width. Can also be used for sealing 2 to 20 mm joints between any type of ceramic tiles (including klinker and porcelain) and natural stones.



For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	White pre-mixed product
Hazard classification	Consult the technical and safety data sheets for more details
Weight density	1.9 g/cm ³
Mixing ratio	1.2 l of water per 5 kg bag
*Time between fixing and grouting:	6 hours
Application temperature range	From +5°C to +40°C
*Pot-life of mixture	≥ 60 minutes
Fit for use	3 days
Thermal resistance	From -30°C to +90°C
Storage	24 months in original packaging in a dry place (5 Kg packets in PE)

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Compressive strength:		
- After 28 days	≥ 15 N/mm ²	EN 13888
- After 25 freezing-thawing cycles	≥ 15 N/mm ²	EN 13888
Flexural strength:		
- After 28 days	≥ 3.5 N/mm ²	EN 13888
- After 25 freezing-thawing cycles	≥ 3.5 N/mm ²	EN 13888

*Data obtained at +23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

Approx. 15-20 kg/m² (as a fixing mortar);
Approx. 2.5 kg/m² (as a sealant for 20x20 cm blocks with 10 mm joints)

Packaging: 25 kg boxes (five 5 kg bags)

F.15/L FUGOLAT

Synthetic latex used for cement-based sealants in place of the mixing water. It reduces the water absorbed by the joints and improves the bond to the sides of the tiles as well as the abrasion resistance, workability, flexibility and compactness. Especially recommended for improving joint sealing on balconies, terraces, swimming pools external façades, shower cubicles, bathrooms, floors in industries and shopping centers subject to heavy traffic, floors and walls that are frequently washed.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	White latex
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	Variable, depending on mixture
F.15 Cerstuc fine	approx. 1.8 l per 5 kg bag
F.15 Edilstuc	approx. 5.0 l per 25 kg bag
Weight density	1.0 g/cm ³
pH	8.1
Thermal resistance	from -30° to +90°
Application temperature range	from +5°C to +35°C
Storage	24 months in original packaging in a dry place PROTECT AGAINST FROST.



Packaging: 5 kg cans
1 kg bottles in boxes of 12 pcs

F.80 CERNET LIQUIDO and POLVERE (liquid and powder)

Non-toxic buffered acid detergent for cleaning the remains of adhesives, cement-based sealants and hardened lime residues from ceramic surfaces. Does not damage the ceramic surfaces. Also suitable for removing efflorescences from bricks, concrete and cotto floors and for removing lime deposits from all surfaces, with the exception of those in wood, metal or chromium plated material. Can be diluted with up to 50% water. Not to be used on marble, limestone and derivatives or on grouting which has not yet fully hardened (wait 3-4 days).

For horizontal floors and surfaces. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

	F.80 CERNET LIQUIDO (liquid)	F.80 CERNET POLVERE (powder)
Appearance	Liquid solution	Powder
Colour	Transparent, colourless	Whitish
Hazard classification	Consult the technical and safety data sheets for more details	
Inflammability	No	No
Bulk density	1.09 g/cm ³	1.22 g/cm ³
Active substance	15%	100%
pH	1.1	-
Application temperature range	From +5°C to +40°C	
Time to wait prior to rinsing	5 minutes	
Storage	24 months in original packaging in a dry place PROTECT AGAINST FROST.	

Consult the technical and safety data sheets for more details.

COVERAGE:

Approx. 100-200 g/m²

Packaging: F.80 Cernet liquido (liquid):
5 kg cans
1 kg bottles in boxes of 12 pcs.
F.80 Cernet polvere (powder):
boxes containing 18 pcs



F.80 MARMONET

Alkaline detergent specifically formulated for cleaning light hardened residues of adhesives, sealants, cement-based plasters, lime-based paints from unpolished marble and natural stone surfaces.

Can be used on any type of marble, natural stones, resin-bonded materials, antiqued marble.

Can be diluted with 20 to 40% of water. Pour on to the surfaces, allow to act for 3/5 minutes, then rub by hand or with a single-brush cleaning machine. Thoroughly rinse with clean water and dry.

For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	straw coloured liquid
Odour	lavender
Hazard classification	Consult the technical and safety data sheets for more details
pH (5% solution)	11
Weight density (at 20°C)	1.07 g/cm ³
Biodegradability	90% (arts. 2 and 4 L. 26/04/83 N° 136)
Storage	24 months in the original closed packaging kept in a cool and dry place.

Consult the technical and safety data sheets for more details.

COVERAGE:

0.05-0.1 l/m²

Packaging: 1 l bottles in boxes containing 12 pcs.



F.80 SGRASSANTE (degreaser)

Concentrated alkaline detergent with a high degreasing power for preparing old surfaces prior to fixing new floors with adhesives, applying self-levelling mortars (line F.77) or applying cement-based waterproofing mortars (F.72 ELASTOMALTA).

Can be used on glazed ceramic tiles, red stoneware, porcelain, cotto, terracotta, antiqued marble, slate, granite, stone, travertine, shaded natural stones.

Allow to act for 15-30 minutes then rub the surface with felt or using a polishing machine. Thoroughly rinse with clean water and allow to dry. Can be diluted with water in a 1:1 to 1:4 ratio.

For floors and walls. Indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	transparent liquid, odourless
Hazard classification	Consult the technical and safety data sheets for more details
pH (5% solution)	14
Bulk density	1.20 g/cm ³
Application temperature range	from +5°C to +35°C
Storage	24 months in the original closed packaging, kept in a cool, dry place.

Consult the technical and safety data sheets for more details.

COVERAGE:

0.05-0.1 l/m²

Packaging: 5 l cans



F.40 CERPOXY

Two-component epoxy adhesive/sealant for laying and sealing floors subject to high chemical-physical stress. Completely waterproof and anti-acid.



Suitable for laying/sealing the joints (from 3 to 10 mm wide) of:

- All types of vitreous mosaic, ceramic tiles, including klinker and porcelain even large-sized.
- Laying and grouting kitchen tops.

Suitable substrates:

- Cement-based plasters and screeds, cured concrete floor slabs, beaten or bush-hammered cement.
- Cellular cement and walls made of bricks or natural stone.
- Heated screeds.
- Existing floors in glazed ceramic tiles, porcelain tiles, bricks, marble and natural stones.
- Substrates in industrial environments (dairies, breweries, cellars, etc.) or subject to heavy traffic (e.g. terraces or street furniture).
- Metal, PVC, linoleum, etc...
- Swimming pools.
- Table of chemical resistance values on page 81.
- Available colours: white, manhattan, grey, anthracite.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Comp. A Thick paste	Comp. B Liquid
Hazard classification	Consult the technical and safety data sheets for more details	
*Pot-life of mixture	≥ 45 min.	
Application temperature range	From +12° to +30°C	
*Open time	30 min.	EN 1346
Vertical slip	≤ 0.5 mm	EN 1308
*Adjustment time	60 min.	
*Walk-over time	After 24 hours	
*Grouting	after 24 hours for floors and 6/8 hours for walls.	
*Final setting	After 14 days	
Thermal resistance	From -20°C to +100°C (continuous exposure)	
Storage	24 months in original packaging in a dry place. PROTECT AGAINST FROST.	

*Data obtained at 23°C and 50% relative humidity.

FINAL PERFORMANCE

Classification according to EN 12004	Class R2T	(ISO 13007-1)
Initial bonding	≥ 2.50 N/mm ²	EN 12003
Bonding after immersion in water	≥ 2.30 N/mm ²	EN 12003
Bonding after thermal shock	≥ 2.00 N/mm ²	EN 12003
Classification according to EN 13888	Class RG	EN 13888 (ISO 13007-3)
Compressive strength	≥ 58 N/mm ²	EN 12808-3
Flexural strength	≥ 31 N/mm ²	EN 12808-3
Abrasion resistance	≤ 147 mm ³ (loss of volume)	EN 12808-2
Shrinkage	≤ 0.80 mm/m	EN 12808-4
Water absorption	≤ 0.05 g	EN 12808-5

Consult the technical and safety data sheets for more details.

COVERAGE (as an adhesive):

Notched trowel	6x6	8x8	10x10
kg/m ²	2.5	3.5	4.0

COVERAGE (as a sealant): consult the table on page 80

Packaging: 10 kg buckets (9.0+1.0) - 5 kg buckets (4.5+0.5)

The above values may vary to a considerable extent owing to particular environmental conditions, temperature, humidity, ventilation, absorbcency of the substrate or tiling materials.

F.40 CERPOXY AP

Two-component epoxy sealant for grouting 2 to 10 mm width joints in floors subject to high chemical-physical stress. Completely waterproof and anti-acid. This product is very easy to clean and to apply thanks to its special formula.



Suitable for sealing the joints (at least 2 mm in width) of:

- All types of vitreous mosaic, ceramic tiles, including klinker and porcelain even large-sized, and stone materials.
- Thanks to its excellent cleanability, it is especially suitable for floors with R9, R12, R24 roughness class (non-slip floors).

Fields of use:

- Grouting floors and walls clad in ceramic tiles in industries where a high resistance to acids is required (industrial kitchens, slaughterhouses, dairies, etc.).
- Grouting in swimming pools containing sea water or spas.
- As a sealant for large areas where excellent cleanability is required.
- Available colours: cement grey, anthracite, beige, sea blue.
- Table of chemical resistance value on page 81

Product certified by the University of Modena according to the ISO 222196:2007 norm as a grout resistant to the formation and proliferation of microorganisms

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Comp. A Thick paste	Comp. B Gel
Hazard classification	Consult the technical and safety data sheets for more details	
Bulk density (g/cm ³)	1.85	0.98
Solid residue (%)	100	100
Brookfield viscosity (mPas)	1,200,000	25,000
Mixing ratio:	Comp. A: 9 parts	Comp. B: 1 part
Pot life of mixture	≥ 45 min.	
Treadable	After 12 h	
Fit for use	After 3 days	
Application temperature range	From +12°C to +30°C	
Storage	24 months in original packaging in a dry place	

FINAL PERFORMANCE

Classification according to EN 13888	Class RG	(ISO 13007-3)
Flexural strength	≥ 38 N/mm ²	EN 12808-3
Compressive strength	≥ 49 N/mm ²	EN 12808-3
Abrasion resistance	≤ 147 mm ³ (loss of volume)	EN 12808-2
Water absorption	≤ 0.05 g	EN 12808-5

Consult the technical and safety data sheets for more details.

COVERAGE:

Depending on the size of the joint and the tile format.

consult the table on page 80

Packaging: 10 kg buckets

F.40 CERPOXY ART

Two-component epoxy sealant for grouting floors and walls subject to high chemical-physical stress. Provides a decorative finish. Completely waterproof and anti-acid. Especially recommended for vitreous mosaic. Can also be used as an adhesive.



SISTEMA NAVI

Provides a decorative finish and is suitable for sealing the joints (at least 2 mm in width) of:

- All types of ceramic tiles and stone materials, especially recommended for vitreous mosaic.

Fields of use:

- Grouting tiled industrial floors and walls when large areas are involved (galvanizing industries, tanneries, storage battery rooms, paper-mills, etc.) and where high mechanical strength and resistance to acids is required.
- Grouting the floors and walls in food industries (central milk plants, dairies, slaughterhouses, breweries, wine cellars, preserving plants, etc.), shops and places where a high degree of hygiene is required (ice-cream parlours, slaughterhouses, etc.).
- Grouting and bonding in swimming pools, also made of PVC and fibreglass, containing sea water or spas.
- F.40 CERPOXY ART can be mixed with F.40 CERPOXY GLITTER to obtain unusual decorative effects.
- Table of chemical resistance values on page 81
- Product belonging to "Sistema navi" ("Ship system") certified with Form B (Certificate no. 0987/MED-B/447).

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Comp. A Creamy paste	Comp. B Gel
Hazard classification	Consult the technical and safety data sheets for more details	
Bulk density (g/cm ³)	1.64	1.06
Solid residue (%)	100	100
Mixing ratio:	Comp. A: 9 parts	Comp. B: 1 part
Pot life of mixture	45 min.	
Treadable	After 24 h	
Fit for use	After 4 days	
Application temperature range	From +12°C to +30°C	
Thermal resistance	From -20°C to +100°C	
Storage	24 months in original packaging in a dry place	

FINAL PERFORMANCE

Classification according to EN 12004	Class R2T	(ISO 13007-1)
Initial bonding	≥ 2.50 N/mm ²	EN 12003
Bonding after immersion in water	≥ 2.30 N/mm ²	EN 12003
Bonding after thermal shock	≥ 2.50 N/mm ²	EN 12003
Classification according to EN 13888	Class RG	EN 13888 (ISO 13007-3)
Compressive strength	≥ 75 N/mm ²	EN 12808-3
Flexural strength	≥ 45 N/mm ²	EN 12808-3
Abrasion resistance	≤ 147 mm ³ (loss of volume)	EN 12808-2
Shrinkage	≤ 0.80 mm/m	EN 12808-4
Water absorption	≤ 0.05 g	EN 12808-5

Consult the technical and safety data sheets for more details.

COVERAGE:

Depending on the size of the joint and the tile format.
consult the table on page 80

Packaging: 3 kg buckets

F.40 CERPOXY GLITTER

Coloured metallized glitter. Silver and gold colours.

Fields of use:

- Added to F.40 CERPOXY ART in quantities up to 10% in weight, F.40 GLITTER gives the sealant a bright metallized appearance and is ideal for grouting metallic tiles, vitreous mosaic and tiles.

TECHNICAL DATA

Appearance	Coloured glitter.
Hazard classification	Consult the technical and safety data sheets for more details
Maximum amount	10% of the weight of F.40 CERPOXY ART
Storage	unlimited in a dry place

Packaging: Boxes of six 100 g cans.



AVAILABLE COLOURS

F.40 CERPOXY ART

	700 - TRANSLUCID
	799 - WHITE
	111 - SILVER
	728 - GREY
	114 - ANTHRACITE
	729 - SAHARA
	741 - SAND
	731 - DARK BROWN
	730 - TURQUOISE
	740 - BLUE
	760 - GOLD
	737 - ORANGE
	750 - RED
	134 - SILK

F.40 GLITTER

GOLD



SILVER



The amount of **F.40 CERPOXY GLITTER** used varies and depends on the finish required, but it must not exceed 10% in weight of **F.40 CERPOXY ART**.

The colours shown above are indicative.

F.80 EPOXYNET

Detergent for removing the hardened epoxy grouting residues left by incorrect or incomplete cleaning of floors and walls. The liquid should be sprayed on to the residues and allowed to act for 15-20 minutes. Does not damage epoxy grouts that have already hardened.

Suitable for:

- Removing epoxy grout (eg F.40 CERPOXY , F.40 CERPOXY AP, F.40 CERPOXY ART) smudges and stains due to incomplete cleaning
- Removing residues left by incorrect application of the grouting product

For floors and walls. For indoor and outdoor use. Do not use on marble, polished stones, wood or methacrylate.

PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Transparent yellow liquid
Hazard classification	Consult the technical and safety data sheets for more details
Volumic mass	1.01 g/cm ³
pH	12.5
Application temperature range	from +5°C to +35°C
Storage	24 months in the original, tightly closed packaging

Consult the technical and safety data sheets for more details.

COVERAGE:

Depending on the amount of residues to be removed

Packaging: 750 ml sprayer



F.31 PRIMER SIL AC

Bonding promoter for silicone-based sealants such as F.31 SILICONE ACETICO, F.35 SILICONE NEUTRO, SANITĂR SILICON SOPRO. Improves the sealing properties of separation joints in outdoor environments, on large surfaces, in swimming pools, external façades clad in ceramic tiles and damp environments.

Apply F.31 PRIMER SILAC to the dry-solid surfaces with a brush. Leave to dry for a few minutes, then apply the silicone-based sealant. The sealant must be applied as soon as the primer has dried, in any case within the same day.

For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Transparent yellowish liquid
Hazard classification (Directive 1999/45/CE)	Harmful. Easily inflammable
Bulk density	0.92 g/cm ³
Solid residue	45%
Consumption	depends on the absorption of the surfaces, approx. 100 g/m ² or 10-20 g/m of joint
Storage	6 months in a dry place

Consult the technical and safety data sheets for more details.

COVERAGE:

Depending on surface absorption

Packaging: 0.2 kg bottles



F.31 SILICONE ACETICO

Single-component silicone-based sealant with acetic cross-linking for sealing non-porous materials with permanent elasticity, such as the joints between glass and glass, metal and metal, etc... Available in the form of cartridges. Especially recommended in hygiene-health fields, car and ship-building industries, furnishing in cafeterias and shops, modular kitchens. Make sure that the surface is perfectly clean, dry and degreased before treating. Can be used as an adhesive for non-porous substrates, such as soap holders on glazed ceramic tiles for example. Available colours: transparent, white, grey. Do not use in contact with marble or natural stones.

Classified G20 LM according to EN ISO 11600 norm.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Viscous paste in various colours.
Hazard classification	Consult the technical and safety data sheets for more details
Weight density	1.00 g/cm ³
*Workability time	approx. 15 minutes
Maximum movement	25%
Shore A hardness	≥ 20
*Curing speed	1.5 mm/1 day 4 mm/3 days
Application temperature range	From +5°C to +40°C
Thermal resistance	From -40°C to +120°C
Storage	12 months in original packaging in a dry place

*Data obtained at +23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

consult the table on page 80

Packaging: 280 ml cartridges in boxes containing 24 pcs.



F.35 SILICONE NEUTRO

Single-component silicone-based sealant with neutral cross-linking for sealing porous materials with permanent elasticity and filling expansion joints on balconies, terraces, swimming pools and industrial floors, etc... Available in the form of cartridges. Make sure that the surface is perfectly clean, dry and degreased before treating. Suitable for sealing the joints on marble and natural stone surfaces. Available colours: white, grey.

Classified F20 HM according to EN ISO 11600 norm.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Viscous paste in various different colours.
Hazard classification	Consult the technical and safety data sheets for more details
Weight density	0.98 g/cm ³
*Workability time	approx. 10 minutes
Maximum movement	25%
*Curing speed	1.5 mm/1 day 4 mm/3 days
Shore A hardness	≥ 15
Application temperature range	From +5°C to +40°C
Thermal resistance	From -40°C to +120°C
Storage	12 months in original packaging in a dry place

*Data obtained at +23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

Consult the table on page 80

Packaging: 280 ml cartridges in boxes containing 24 pcs.



F.46 GIUNTO COLABILE ELASTICO

Two-component, isocyanate-free self-levelling pourable polyurethane sealant with controlled shrinkage and excellent elasticity.

Completely waterproof. Possesses a high resistance to abrasion and traffic.

Suitable for:

- Non-structural sealing of expansion joints in ceramic or natural stone floors in industrial environments, also when subject to heavy traffic, on balconies and terraces.
- Sealing the joints in rubber and PVC floors.
- Sealing the separation joints in the concrete floors of car parks, workshops, garages and industrial floors subject to heavy traffic.
- Flexible sealing of basements for industrial machines or against pipes, traps, drains, etc... Do not use in swimming pools or basins, on damp surfaces, ones subject to rising damp or on tarred surfaces.

For horizontal floors and surfaces. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

	Comp. A	Comp. B
Appearance	Thick paste	Liquid
Hazard classification	Consult the technical and safety data sheets for more details	
Inflammability	No	No
Weight density	1.50 g/cm ³	0.92 g/cm ³
Dry residue	96.5%	100%
Mixing ratio	Pre-batched	
Application temperature range	From +10°C to +35°C	
Appearance of mixture	fluid	
*Pot-life of mixture	45 minutes	
*Walk-over time	24/36 hours	
*Final setting	After 3 days	
Thermal resistance	From -30°C to +80°C	
Storage	24 months in original packaging in a dry place PROTECT AGAINST FROST.	

*Data obtained at +23°C and 50% relative humidity.

FINAL PERFORMANCE

Shore A hardness	65 (DIN 53505)
Tensile strength	2.2 N/mm ² (DIN 53504 S3a)
Elongation at break	180% (DIN 53504 S3a)
Elongation in continuous service	Up to 5%

Consult the technical and safety data sheets for more details.

COVERAGE:

Consult the table on page 80

Packaging: 5 kg buckets (4.7+0.3)



GROUTING-SEALANT COVERAGE

Indicative coverage table for cement-based sealants (kg per sqm)

F.15 CERSTUC FINE for 0 to 4 mm joints - F.15 SETASTUC for 0 to 6 mm joints - F.15 UNISTUC for 1 to 20 mm joints

Size	Thickness	Joint widths mm												
cm	mm	1	2	3	4	5	7	8	10	12	14	16	18	20
2x2	3	0,47	0,95	1,40	1,90	2,35	3,30	3,75	4,70	5,60	6,60	7,50	8,50	9,4
2,5x2,5	3	0,35	0,70	1,05	1,40	1,75	2,45	2,80	3,50	4,20	4,90	5,60	6,30	7,00
5x5	4	0,23	0,45	0,70	0,90	1,15	1,60	1,85	2,30	2,75	3,20	3,70	4,15	4,60
10x10	6	0,17	0,34	0,50	0,70	0,85	1,20	1,35	1,70	2,00	2,40	2,70	3,00	3,40
10x10	10	0,30	0,60	0,90	1,20	1,50	2,10	2,40	3,00	3,60	4,20	4,80	5,40	6,00
12,5x12,5	8	0,17	0,34	0,51	0,68	0,84	1,18	1,35	1,69	2,03	2,37	2,70	3,04	3,38
10x20	8	0,16	0,32	0,48	0,63	0,79	1,11	1,27	1,58	1,90	2,22	2,53	2,85	3,17
15x15	8	0,14	0,28	0,42	0,56	0,70	0,99	1,13	1,41	1,69	1,97	2,25	2,53	2,82
15x15	14	0,26	0,50	0,80	1,05	1,30	1,80	2,00	2,60	3,10	3,65	4,15	4,70	5,20
12,5x24,5	8	0,12	0,24	0,36	0,48	0,60	0,85	0,95	1,20	1,45	1,70	1,90	2,15	2,40
20x20	8	0,17	0,35	0,50	0,70	0,85	1,20	1,35	1,70	2,05	2,40	2,70	3,05	3,40
20x20	14	0,20	0,40	0,60	0,80	1,00	1,40	1,60	2,00	2,40	2,80	3,20	3,60	4,00
20x25	8	0,12	0,24	0,36	0,48	0,60	0,85	0,95	1,20	1,45	1,70	1,90	2,15	2,40
20x25	10	0,13	0,26	0,40	0,52	0,65	0,90	1,05	1,30	1,55	1,80	2,00	2,35	2,60
25x33	10	0,09	0,18	0,27	0,36	0,45	0,63	0,72	0,90	1,10	1,25	1,45	1,60	1,80
30x30	8	0,08	0,16	0,24	0,32	0,40	0,55	0,65	0,80	0,95	1,10	1,30	1,45	1,60
30x30	14	0,13	0,26	0,40	0,50	0,65	0,90	1,05	1,30	1,55	1,80	2,00	2,35	2,60
33x33	8	0,09	0,18	0,27	0,36	0,45	0,63	0,72	0,90	1,10	1,25	1,45	1,60	1,80
40x40	10	0,09	0,18	0,27	0,36	0,45	0,63	0,72	0,90	1,10	1,25	1,45	1,60	1,80
30x60	10	0,07	0,14	0,21	0,28	0,35	0,49	0,55	0,70	0,85	1,00	1,10	1,25	1,40
60x60	10	0,07	0,14	0,21	0,28	0,35	0,49	0,55	0,70	0,85	1,00	1,10	1,25	1,40
90x90	12	0,05	0,10	0,15	0,20	0,25	0,35	0,40	0,50	0,60	0,70	0,80	0,90	1,00

Indicative coverage table for cement-based sealants (kg per sqm)

F.15 EDILSTUC for 3 to 15 mm joints

Size	Thickness	Joint widths mm								
cm	mm	3	4	6	8	10	12	14	16	18
10x10	6	0.55	0.73	1.10	1.45	1.82	2.20	2.55	2.90	3.28
10x10	10	0.90	1.20	1.80	2.40	3.00	3.60	4.20	4.80	5.40
12.5x12.5	8	0.60	0.80	1.20	1.60	2.00	2.40	2.80	3.20	3.60
10x20	8	0.55	0.73	1.10	1.45	1.82	2.20	2.55	2.90	3.28
15x15	8	0.50	0.67	1.00	1.34	1.67	2.00	2.34	2.67	3.00
15x15	14	0.85	1.13	1.70	2.26	2.83	3.40	3.96	4.53	5.10
12x24.5	8	0.50	0.67	1.00	1.34	1.67	2.00	2.34	2.67	3.00
20x20	8	0.36	0.48	0.72	0.96	1.20	1.44	1.68	1.92	2.16
20x20	14	0.64	0.85	1.28	1.70	2.13	2.56	2.98	3.40	3.83
20x25	8	0.33	0.44	0.66	0.88	1.10	1.32	1.54	1.76	1.98
20x25	10	0.42	0.56	0.84	1.12	1.40	1.70	1.95	2.24	2.52
25x30	10	0.33	0.44	0.66	0.88	1.10	1.32	1.54	1.76	1.98
30x30	8	0.28	0.32	0.48	0.64	0.80	0.96	1.12	1.28	1.44
30x30	14	0.46	0.61	0.92	1.22	1.53	1.84	2.14	2.45	2.75
33x33	8	0.19	0.25	0.38	0.51	0.63	0.76	0.89	1.00	1.14
40x40	10	0.23	0.31	0.46	0.61	0.77	0.92	1.07	1.23	1.38
30x60	10	0.23	0.31	0.46	0.61	0.77	0.92	1.07	1.23	1.38
60x60	10	0.16	0.21	0.32	0.43	0.53	0.64	0.75	0.85	0.96
90x90	12	0.12	0.16	0.24	0.32	0.40	0.48	0.56	0.64	0.72

GROUTING-SEALANT COVERAGE

Indicative coverage table for anti-acid sealant (kg per sqm)

F.40 CERPOXY for 3 to 10 mm joints - F.40 CERPOXY AP - F.40 CERPOXY ART

Size	Thickness	Joint widths mm				
cm	mm	3	5	7	9	10
2x2	3	1.62	2.70	3.78	4.80	5.40
2.5x2.5	3	1.32	2.22	3.12	3.96	4.44
5x5	4	0.54	0.90	1.20	1.62	1.80
10x10	6	0.65	1.00	1.50	1.92	2.16
10x10	10	1.10	1.80	2.52	3.24	3.60
12.5x12.5	8	0.84	1.44	2.05	2.60	2.90
10x20	8	0.66	1.08	1.50	1.92	2.16
12.5x24.5	8	0.42	0.72	1.02	1.32	1.44
15x15	8	0.58	0.96	1.32	1.74	1.92
15x15	14	1.02	1.68	2.34	3.00	3.36
20x20	8	0.42	0.72	1.02	1.32	1.44
30x30	8	0.30	0.50	0.72	0.90	1.02
30x30	14	0.64	1.08	1.50	1.92	2.13
40x40	10	0.28	0.46	0.66	0.83	0.91
60x60	10	0.18	0.30	0.42	0.54	0.60
90x90	12	0.14	0.24	0.34	0.43	0.48

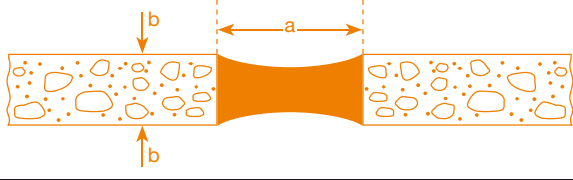
Coverage table for flexible sealants (grams per linear meter)

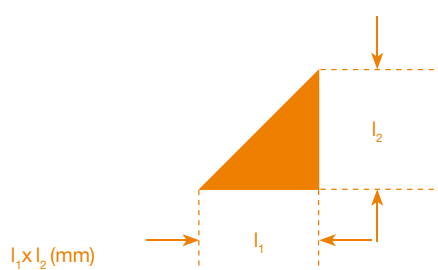
F.46 GIUNTO COLABILE ELASTICO

Depth	Joint width (mm)					
mm	5	8	10	15	20	25
5	40	58	73	110	145	183
7	56	82	103	154	205	257
8	64	94	118	175	235	290
10	80	118	146	220	292	370
12	96	141	175	292	350	444

Coverage table for flexible sealants

F.31 - F.35 SILICONE SEALANTS - Sopro SANITÄR SILICON

BUTT JOINT	
	
Joint size in mm (axb)	Linear meters per cartridge
5x5	12
5x10	6
10x10	3
15x10	2
20x10	1.5
25x10	1.25
30x15	0.7
40x20	0.4

BUTT JOINT	
	
Joint size in mm (axb)	Linear meters per cartridge
5	25
10	6
15	3
20	1.5

Chemical resistance of F.40 Cerpoxy - F.40 Cerpoxy AP - F.40 Cerpoxy ART

PRODUCT				TYPE OF USE	
Class	Name	Concentration %	Laboratory tables	INDUSTRIAL FLOORS	
				Continuous service (+20°C)	Occasional service (+20°C)
Acids	Acetic acid	2.5	+	+	+
		5	+	(+)	+
		10	-	-	-
	Hydrochloric acid	37	+	+	+
	Chromic acid	20	-	-	-
	Citric acid	10	+	(+)	+
	Formic acid	2.5	+	+	+
		10	-	-	-
	Lactic acid	2.5	+	+	+
		5	+	(+)	+
		10	(+)	-	(+)
	Nitric acid	25	+	(+)	+
		50	-	-	-
	Pure oleic acid		-	-	-
	Phosphoric acid	50	+	+	+
		75	(+)	-	(+)
	Sulphuric acid	1.5	+	+	+
		50	+	+	+
		96	-	-	-
Alkalis	Tannic acid	10	+	+	+
	Tartaric acid	10	+	+	+
	Oxalic acid	10	+	+	+
	Ammonia solution	25	+	+	+
	Caustic soda	50	+	+	+
	Sodium hypochlorite solution:				
	Active chlorine	6.4 g/l	+	(+)	+
	Active chlorine:	162 g/l	+	-	-
Saturated solutions at 20°C	Potassium permanganate	5	+	(+)	+
		10	(+)	-	(+)
	Potassium hydroxide	50	+	+	+
	Sodium bisulphite	10	+	+	+
	Sodium hyposulphite		+	+	+
	Calcium chloride		+	+	+
	Ferrous chloride		+	+	+
	Sodium chloride		+	+	+
Oils and fuels	Sodium chromate		+	+	+
	Sugar		+	+	+
	Aluminium sulphate		+	+	+
	Gasoline, fuels		+	(+)	+
	Turpentine		+	+	+
	Diesel fuel		+	+	+
	Tar oil		+	+	+
	Olive oil		(+)	(+)	(+)
Solvents	Light fuel oil		+	+	+
			+	+	+
	Petroleum		+	+	+
	Acetone		-	-	-
	Glycol		+	+	+
	Glycerine		+	+	+
	Methycellosolve		-	-	-
	Perchloroethylene		-	-	-
	Carbon tetrachloride		(+)	-	(+)
	Ethyl alcohol		+	(+)	+
	Trichloroethylene		-	-	-
	Chloroform		-	-	-
	Methylene chloride		-	-	-
	Tetrahydrofuran		-	-	-
	Toluol		-	-	-
	Carbon sulphide		(+)	-	(+)
	Solvent gasoline		+	+	+
	Benzol		-	-	-
	Trichloroethane		-	-	-
	Xilol		-	-	-
	Corrosive sublimate (HgCl ₂)	5	+	+	+
	Hydrogen peroxide	1	+	+	+
		10	+	+	+
		25	+	(+)	+

Key: + excellent resistance (+) good resistance - poor resistance

AVAILABLE COLOURS

F.15 Setastuc

for 0 to 6 mm joints

	00 Bianco - White
	46 Silver
	47 Aluminium
	48 Manhattan
	50 Grigio - Grey
	174 Grafite
	55 Anthracite
	149 Sabbia vulcanica
	10 Jasmin
	70 Bahama beige
	14 Beige chiaro
	15 Beige
	16 Caramel
	133 Sabbia
	135 Beige scuro
	18 Tortora - Dove grey
	136 Fango
	65 Testa di moro - Dark brown

F.15 Cerstuc fine

for 0 to 4 mm joints

	00 Bianco - White
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F.15 Edilstuc

for 3 to 15 mm joints

	108 Manhattan GG
	110 Grigio GG - Grey GG
	115 Anthracite GG



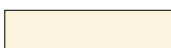


F.15 Unistuc

for 1 to 20 mm joints

	00 Bianco - White
	46 Silver
	47 Alluminio
	48 Manhattan
	50 Grigio - Grey
	55 Antracite
	60 Nero - Black
	12 Vaniglia
	70 Bahama Beige
	14 Beige chiaro
	15 Beige
	16 Caramel
	75 Terracotta
	20 Nocciola - Light brown
	65 Testa di moro - Dark brown
	10 Jasmin
	18 Tortora
	100 Magnolia
	30 Azalea
	90 Viola - Violet
	45 Azzurro chiaro - Bright blue
	80 Blu avio - Blue avio
	95 Acquamarina - Pale green
	35 Verde - Green
	05 Giallo avorio - Ivory yellow
	150 Arancio
	140 Rosso - Red

F.15 Maltastuc

for 5 mm joints

	601 Grigio Selce
	602 Grigio Sarnico
	603 Giallo Arenaria
	604 Beige Botticino
	605 Giallo Siena

The colours shown above are indicative.

COLOUR STABILITY

of cement-based grouts exposed to solar irradiation and to atmospheric agents

	F.15 CERSTUC FINE 0-4 mm	F.15 UNISTUC 1-20 mm	F.15 SETASTUC 1-20 mm	F.15 EDILSTUC 3-15 mm	Colour stability
00 Bianco – White					● ● ●
46 Silver					● ● ●
47 Alluminio - Aluminium					● ● ●
48 Manhattan					● ● ●
50 Grigio – Grey					● ● ●
55 Antracite - Anthracite					● ● ●
60 Nero – Black					● ●
12 Vaniglia - Vanilla					● ● ●
70 Bahama Beige					● ● ●
14 Beige Chiaro - Light Beige					● ● ●
15 Beige					● ● ●
16 Caramel					● ● ●
75 Terracotta					● ●
20 Nocciola – Light Brown					● ● ●
65 Testa di Moro - Dark Brown					● ●
10 Jasmin					● ● ●
18 Tortora - Dove grey					● ● ●
100 Magnolia					● ●
30 Azalea					● ●
90 Viola - Violet					●
45 Azzurro Chiaro – Light Blue					● ●
80 Blu avio – Airforce Blue					● ●
95 Acquamarina - Aquamarine					● ●
35 Verde - Green					● ● ●
05 Giallo Avorio – Ivory Yellow					●
150 Arancio - Orange					●
140 Rosso - Red					●
133 Sabbia					● ● ●
135 Beige scuro					● ● ●
136 Fango					● ● ●
149 Sabbia vulcanica					● ● ●
174 Grafite					● ● ●

Key (The colours shown above are indicative.):

● ● ●	High colour stability: for outdoor and indoor use, especially recommended for use in swimming pools and on outdoor façades that are continuously exposed to solar irradiation
● ●	Good colour stability: for indoor and outdoor use
●	Limited colour stability: for indoor use

F.48	Poxycem
F.49	Poxyrapid
F.26	Elastoguaina
F.26	Elastoguaina Super red
F.72	Elastomalta
F.72	Elastomalta mono
F.71	Acquastop
F.75	Malta Osmotica
F.85	Acquablock
F.28	Profer P
F.73	Ciment Rapid
F.76	Malta espansiva colabile
F.76	Tixo
F.76	Tixo rapid
F.76	Finitura
F.78	Murosan
F.78	Murosan fine
F.78	Murosan light rinzafo
F.78	Murosan light risana
F.78	Murosan calce rinzafo
F.78	Murosan calce risana
F.78	Murosan calce intonaco
F.78	Murosan calce fine
F.42	Maltex

BUILDING

PRODUCTS FOR BUILDING RESTORATION

Waterproofing agents . Ready-to-use mortars . Dehumidifying plasters . Protective treatments

04



F.48 POXYCEM

Two-component structural low-viscosity epoxy adhesive with high mechanical strength for all the substrates commonly used in building.

Suitable for:

- Re-casting, bonding mortars, repairing cracks and splits in cement-based screeds and cast concrete, bedding threaded bars in concrete and mixed concrete-steel bonding (cladding), for reinforcing bearers and creating rigid, waterproof joints.
- Monolithic bonding between concrete and concrete and between cement and concrete. Waterproofing bonding of substrates in general. Structural reinforcing of backs of vaults in masonry work with F25 RETE.
- Product belonging to "Sistema navi" ("Ship system") certified with Form B (Certificate no. 0987/MED-B/447).

For horizontal floors and surfaces. Forms must be used for vertical application.

For indoor and outdoor use. PROFESSIONAL USE.



TECHNICAL DATA

	Comp.A	Comp.B
Appearance	Fluid paste	Fluid paste
Hazard classification	Consult the technical and safety data sheets for more details	
Mixing ratio	Pre-batched	
Application temperature range	From +5°C to +35°C	
*Pot-life of mixture	≥ 40 minutes	
*Walk-over time	24/36 hours	
*Final setting	After 7 days	
Storage	24 months in original packaging in a dry place with temperatures between +5°C and +35°C PROTECT AGAINST FROST.	

*Data obtained at 23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

1.35 kg/dm³ of cavity to be filled or 0.5-2 kg/m² (bonding mortar).

Packaging: 2 kg buckets (1.5+0.5)

F.49 POXYRAPID

Fast-drying two-component epoxy adhesive with no vertical slip and a high mechanical strength for repairing, glueing and structurally reinforcing parts in concrete or reinforced concrete, natural stone, mortar and bricks.

Suitable for:

- Structural reinforcing of girders and pillars. Rigid structural bonding of precast concrete elements.
- Glueing steel slabs and carbon plates.
- Sealing large cracks and repairing the edges of joints in industrial floors.
- Glueing bullnoses and special pieces to ceramic tiles in general.
- Structural glueing and bonding of concrete to steel.
- Bonding of joints between waterproofing fabric tapes like F.25 BAND

For vertical and horizontal surfaces.

For indoor and outdoor use. PROFESSIONAL USE.



TECHNICAL DATA

	Comp.A	Comp.B
Appearance	Thick grey paste	Thick paste
Hazard classification	Consult the technical and safety data sheets for more details	
Mixing ratio	3:1 (pre-batched)	
Application temperature range	From +5°C to +30°C	
Workability time at +10°C	60 minutes	
Workability time at +23°C	35 minutes	
Setting at +10°C	7/8 hours	
Setting at +23°C	3/3.5 hours	
Storage	24 months in original packaging in a dry place with temperatures between +5°C and +35°C	

Data obtained at 23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

1.5-1.6 kg/m² per mm of thickness.

Packaging: 2 kg kits (1.5+0.5)

F.26 ELASTOGUAINA

Ready-to-use acrylic elastomeric final coating membrane in a watery dispersion for waterproofing balconies, terraces, shower cubicles prior to laying wall tiles and as a protective treatment for gutters, stacks, eaves, gypsum, scagliola or anhydrite walls. Provides the structures with excellent protection against adverse atmospheric agents and U.V. rays.

Highly flexible and vapour permeable. Do not use in swimming pools, on surfaces that slope in an uneven way, on wet substrates or ones subject to rising damp. Apply two crossed coats 2 mm thick. Wait for the first coat to dry before applying the second one. Dilute up to 20% with water for spray application.



For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Semi-fluid paste in a watery dispersion light grey in colour
Hazard classification	Consult the technical and safety data sheets for more details
pH	9.0
Application temperature range	From +5°C to +35°C
Solid residue	75%
*Time between first and second coat	2 hours
*Time to wait before laying ceramic tiles	12/24 hours
*Water vapour permeability (μ)	650 (UNI 8202)
Thermal resistance	From -30°C to +100°C
Storage	24 months in original packaging in a dry place PROTECT AGAINST FROST.

*Data obtained at +23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

1.5 kg/m² per mm of thickness (recommended thickness at least 2 mm).

Packaging: 5 and 25 kg buckets

F.26 ELASTOGUAINA SUPER

red colour

Acrylic-based elastomeric liquid coating mortar for waterproofing indoor and outdoor environments and for permanent encapsulation.



Suitable for:

- Waterproofing of impracticable balconies.
- Indoor and outdoor waterproofing of surfaces that are not subject to continually stagnating water.
- Waterproofing gutters, eaves, stacks, etc.

To waterproof the surfaces, apply the product in 2 crossed coats so as to form a final layer at least 2 mm thick.

Do not apply to surfaces that are continually immersed or to wet substrates subject to rising damp. The product can be applied with a brush, roller or spray applicator.

For vertical and horizontal surfaces. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Fluid paste in a watery dispersion
Hazard classification	Consult the technical and safety data sheets for more details
pH	8.5
Application temperature range	From +5°C to +40°C
Solid residue	70%
*Time between first and second coat	Approx. 12 hours
*Time to wait prior to laying tiles	At least 24 hours
*Final hardening for layers 3 mm thick	7 days
*Resistance to the passage of water vapour (μ)	600 (UNI 8202)
Storage	24 months in original packaging in a dry place
PROTECT AGAINST FROST.	

*Data obtained at +23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

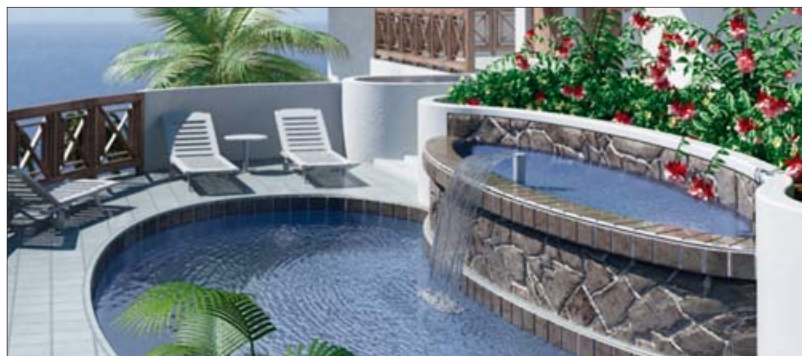
COVERAGE:

Depending on the use. 1.0-1.5 Kg/m² per mm of thickness, depending on the application method (recommended thickness at least 2 mm).

Packaging: 5 kg buckets

F.72 ELASTOMALTA

Extremely flexible, transpiring, waterproofing, two-component (powder and latex), fiber-reinforced cement-based final coating mortar. Once the product has hardened, it forms a flexible, waterproof layer with excellent resistance to the atmospheric agents. Bonds extremely well to concrete, brickwork and ceramic surfaces since it contains a high percentage of synthetic resins.



Suitable for:

- Waterproofing flat surfaces such as balconies, terraces, concrete roofs unfit for pedestrian traffic, basins, cisterns and swimming pools.
- As a finishing protection for concrete surfaces (also vertical) against the action of smog, carbon dioxide and sea salt (saltiness in the air) (use F.25 RETE in these cases), for waterproofing old terraces and balconies clad in ceramic tiles, paving tiles, porcelain and cement prior to laying new flooring materials with adhesives from the F.55 line. Add 2 kg of component B for brush application. Apply a 2/3 mm layer in two crossed coats. To increase the ability to withstand movements that can create cracks on the surface, insert F.25 RETE between the first and second coat.

Mix 24 kg of component A with 10 kg of component B for application with a roller or brush.

For vertical and horizontal surfaces. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

	Comp. A	Comp. B
Appearance	Grey powder	White latex
Hazard classification	Consult the technical and safety data sheets for more details	
Mixing ratio	Powder/latex A/B=3/1	
Application temperature range	From +8°C to +35°C	
*Pot-life of mixture	60 min.	
Thickness obtained	2 mm per coat	
Recommended thickness	2/3 mm	
*Walk-over time	24/36 hours	
*Laying ceramic tiles, natural stones, parquet, vinyl and composite flooring.	36/48 hours	
*Final setting	After 14 days	
Thermal resistance	From -30° to +90°C	
Storage Comp. A	12 months in original packaging in a dry place.	
Storage Comp. B	24 months in original packaging in a dry place. PROTECT AGAINST FROST.	

*Data obtained at +20°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Bonding to concrete	
After 28 days at +20°C and 50% RH	1.1 N/mm ²
After 7 days at + 20°C and 50% RH +21 days in water	0.6 N/mm ²
Elongation DIN 53504 after 28 days at +20°C and 50% RH	30%

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

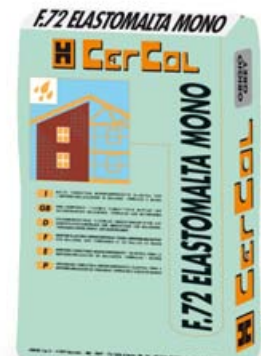
1.6 kg/m² per mm of thickness (recommended thickness 2 mm).

Packaging: 24 kg bags (Comp. A) and 8 kg drums (Comp. B).

The above values may vary to a considerable extent owing to particular environmental conditions, temperature, humidity, ventilation, absorbcency of the substrate or tiling materials.

F.72 ELASTOMALTA MONO

Waterproofing, transpiring, highly flexible, fibre-reinforced single component cement mortar. Once blended with water, the product forms a mixture that can be easily worked with a trowel, roller or brush. It can also be applied to vertical surfaces without sagging. Once the product has hardened, it forms a flexible, waterproof layer that is highly resistant to the weather conditions. Excellent bond to concrete, brickwork and ceramic surfaces since it contains a high percentage of synthetic resins. Complies with EN 14891 norm.



Suitable for:

- Waterproofing balconies, terraces, bathrooms, showers, prior to laying ceramic tiles.
- Protecting plastered or concrete surfaces with cracks caused by shrinkage, or for protection against the penetration of water and the aggressive salts in the atmosphere.
- Waterproofing concrete structures, plastered surfaces and cement-based screeds.

The product must be applied in at least 2 coats, so as to obtain a final thickness of no less than 2 mm and no more than 4 mm. Do not apply coats more than 2 mm thick. To increase the ability to withstand movements that can create cracks on the surface, insert F.25 RETE between the first and second coat.

When applying with a roller or brush, add 5,8 liters of water to 20 kg of product. If the product is applied with a trowel, add 5,4 liters of water per 20 kg of product.

For vertical and horizontal surfaces. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Grey powder
Hazard classification	Consult the technical and safety data sheets for more details
Inflammability	No
Mixing ratio	5,4-5,8 l of water per 20 kg (5,8 l fluid consistency)
Application temperature range	From +5°C to +35°C
Pot-life of mixture	60 min.
Thickness obtained	Max 4 mm (per single coat max. 2 mm)
Recommended thickness	2/3 mm
Laying of ceramics tiles, natural stones, parquet, vinyl and composite materials	48 hours
Storage	12 months in original packaging in a dry place

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

Consult the technical and safety data sheets for more details.

COVERAGE:

1.1 Kg/m² per mm of thickness (recommended minimum thickness: 2 mm).

Packaging: 20 kg bags

F.71 ACQUASTOP (A+B+C)

Three-component transpiring waterproofing coat based on epoxy resins and selected aggregates for surfaces subject to rising damp.



Suitable for:

- Waterproofing basins contain water and chemicals, waterproofing compact or porous damp cement-based substrates with 8% maximum residual humidity (measured with a carbide hygrometer).
- Allows parquet, resilient materials, PVC and rubber to be fixed with two-component adhesives only 24/36 hours after application.
- As it is solvent-free, it can also be used on uncured concrete and in closed or underground places. The product can be diluted for spray application. Waterproofing treatment for chemical unloading platforms in concrete.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Comp.A: white liquid Comp.B: viscous white liquid Comp.C: white powder
Mixing ratio	Pre-batched
Hazard classification	Consult the technical and safety data sheets for more details
Brookfield viscosity (mPa*s) (shaft 7 turns 10)	120,000
Application temperature range	From +5°C to +35°C
*Pot-life of mixture	≥ 40 min.
*Dry to the touch	After 4-6 hours
*Time to wait between the first and second coat	4-6 hours
*Walk-over time	After 24 hours
*Laying ceramic tiles, carpeting, parquet and resilient materials	after about 24-36 hours
*Final setting time	7 days
Thermal resistance	From -35°C to +100°C
Storage	12 months in original packaging in a dry place PROTECT AGAINST FROST.

FINAL PERFORMANCE

Withstands the passage of wheelchairs	Yes
Bonding to ceramic	≥ 3.5 N/mm ² (breakage of the ceramic)
Bonding to concrete	≥ 3.0 N/mm ² (breakage of the concrete)

*Data obtained at 23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

1.5-2 kg/m² depending on the flatness of the substrate.

Packaging: 5 kg kits (0.6+1.9+2.5)

F.75 MALTA OSMOTICA

Osmotic cement-based mortar for waterproofing underground masonry, structures used for holding water (also drinkable - the product is certified) and cellars in general. The mortar is also ideal for protecting concrete. Good waterproofing properties in the case of counter-thrust damp.



For waterproofing:

- Concrete tanks, cisterns for collecting sewage or drinking water, precast traps, concrete swimming pools and walls, foundation walls, cellars, basements, underground tanks, lift wells, irrigation channels.

Suitable for:

- Refurbishing underground masonry structures subject to infiltration water or damp, also in counter-thrust of up to 1 Atm.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Grey powder
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	5.5/6 l of water per 25 kg bag (6 l: fluid consistency)
Application temperature range	From +5°C to +35°C
Resistance to backthrusting water	1 Atm
Apparent bulk density	1300 kg/m ³
Application of next coat	After 5 hours and not beyond 24 hours at +20°C
*Pot-life of mixture	≥ 2 hours
*Final setting	After 7 days
Contact with drinking water	Suitable
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Bonding to concrete after 28 days	≥ 2.0 N/mm ²
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*Data obtained at 23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

AVERAGE COVERAGE:

approx. 3 kg/m² (two coats), 3 coats are recommended for places with strongly back-thrusting damp (coverage approx. 4-5 kg/m²).

Packaging: 25 kg bags

F.85 ACQUABLOCK

Instantly setting and curing hydraulic binder for blocking water infiltrations.

Suitable for:

- Blocking water infiltrations in basements, tunnels, under-passes and underground structures in general.
- Waterproof sealing of cracks, holes and rigid joints between floors and walls.
- Refurbishing mortar in damp brick structures that must be successively waterproofed with F.75 MALTA OSMOTICA.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed grey product
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	1 kg with 280 ml of water 2.5 parts F.85 ACQUABLOCK and 1 part water
Apparent bulk density	1100 kg/m ³
Application temperature range	From +5°C to +35°C
*Workability time	approx. 1 minute
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Compressive strength	Flexural strength:
After 30 minutes ≥ 17 N/mm ²	After 30 minutes ≥ 3 N/mm ²
After 1 hour ≥ 20 N/mm ²	After 1 hour ≥ 4 N/mm ²
After 3 hours ≥ 24 N/mm ²	After 3 hours ≥ 4 N/mm ²
After 24 hours ≥ 32 N/mm ²	After 24 hours ≥ 5 N/mm ²
After 7 days ≥ 44 N/mm ²	After 7 days ≥ 8 N/mm ²
After 28 days ≥ 46 N/mm ²	After 28 days ≥ 9 N/mm ²

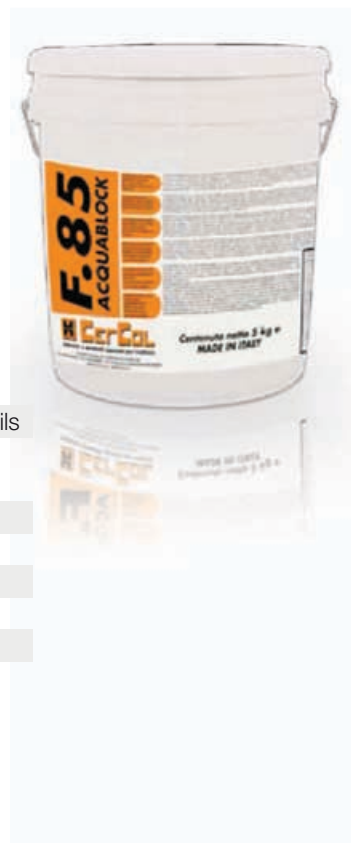
*Data obtained at 20°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

Approx. 1.8 kg per dm³ of cavity to fill.

Packaging: 5 kg buckets



F.28 PROFER P

Single-component cement-based product for protecting reinforcing rods.



Suitable for:

- Rust-inhibiting protection for rust-free iron reinforcing rods, cleaned up to degree SA 2.5 (almost white metal in accordance with the SVENK STANDARD) or as a bonding promoter for the compensated shrinkage of mortars of the F.76 TIXO line applied during restoration work on concrete structures.

For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Light blue pre-mixed product
Hazard classification	Consult the technical and safety data sheets for more details
pH of mixture	12
Mixing ratio	1 kg with 220 ml of water
Apparent bulk density	1700 kg/m ³
Application temperature range	From +5°C to +35°C
*Pot-life of mixture	Approx. 1 hour
*Time to wait between coats	Approx. 2 hours
Time to wait before applying refurbishing mortar	6-24 hours
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Bonding to concrete | $\geq 2.5 \text{ N/mm}^2$

*Data obtained at 21°C and 60% relative humidity.

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

AVERAGE COVERAGE:

Approx. 200 g/linear meter for 8 mm diameter rod (layer applied approx. 2 mm thick); approx. 400 g/linear meter for 16 mm diameter improved bond rod (layer applied approx. 2 mm thick).

Packaging: 5 kg bags in 20 kg boxes

F.73 CIMENT RAPID

Ultra-fast setting mouldable pre-mixed powder based on special binders, quartz aggregates and synthetic additives. Does not crack or shrink. Develops a high mechanical strength within a very short time. No vertical slip.

Suitable for:

- Fixing railings, shanks, dummy frames and security doors, brackets, plugs, window and door frames, gratings, pintles, raceways, electrical sheathing and cabinets, road traps, fast repairing of edges and cracks, sealing small infiltrations of water and levelling slightly uneven cement structures.
- Stopping small water infiltrations in underground structures.

For horizontal and vertical applications. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Grey powder
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	1 kg with 0.22 l of water
Application temperature range	From +5°C to +35°C
*Starts to set	Approx. 2 minutes
*Final hardening	Approx. 3 minutes
*Fit for use	Approx. 15 minutes
Thermal resistance	From -30°C to +90°C
Storage	24 months in original packaging in a dry place

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Compressive strength according to EN 196/1:

After 15 minutes	≥ 5.0 N/mm ²
After 2 hours	≥ 7.5 N/mm ²
After 24 hours	≥ 10 N/mm ²
After 7 days	≥ 15 N/mm ²
After 28 days	≥ 20 N/mm ²

*Data obtained at 23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

depending on the use. Indicatively: approx. 2 kg of powder for every liter of cavity to fill.

Packaging: 5 kg packets or 25 kg bags



F.76 MALTA ESPANSIVA COLABILE

Pre-mixed mortar based on high-strength cements such as PTL 52.5R and special additives able to compensate the structural shrinkage that occurs when the cement is cured. Highly fluency, excellent expanding power. Provides a high mechanical performance within a short time.

Suitable for:

- Fixing machinery with the under-plate casting method, filling cylindrical cavities (max. diam. 10 cm), repairing cracks, splits and yielding in cement floors, vertical restoration work by casting and mechanical anchoring, and refurbishing floor layers in general.
- Increasing the area of the section of pillars.
- Making pourable grouts.
- Casting in a continuous flow from one side of the cavity only in layers up to 5/6 cm.
- For layers thicker than 5/6 cm: add 20/30% of gravel with 0 to 8 mm grain size.
- Product belonging to "Sistema navi" ("Ship system") certified with Form B (Certificate no. 0987/MED-B/447).

For horizontal surfaces. For vertical applications, suitable formworks are necessary.

For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Grey powder
Hazard classification	Consult the technical and safety data sheets for more details
Inflammability	No
Mixing ratio	2.5/3 l of water per 25 kg bag depending on the required consistency.
Application temperature range	From +5°C to +35°C
*Pot-life of mixture	≥ 60 min.
*Fit for use	After 24 hours
Planned thermal conductivity (λ)	1,65 W/m ² K EN 12524
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

	Compressive strength	Flexural strength
After 24 hours	≥ 50 N/mm ²	≥ 6.0 N/mm ²
After 28 days	≥ 80 N/mm ²	≥ 12 N/mm ²
Bonding to wet concrete after 7 days (+23°C and 50% RH)	≥ 1.0 N/mm ²	
Bonding to wet concrete after 28 days (7 days +23°C and 50% RH + 21 days in water at 20°C)	≥ 1.0 N/mm ²	

*Data obtained at 21°C and 60% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

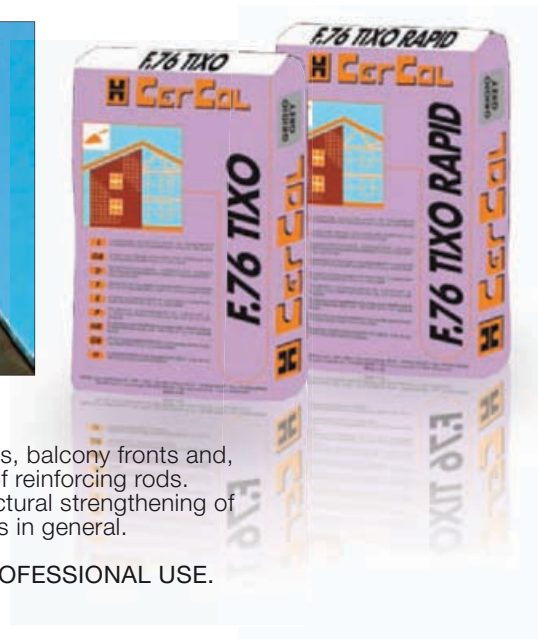
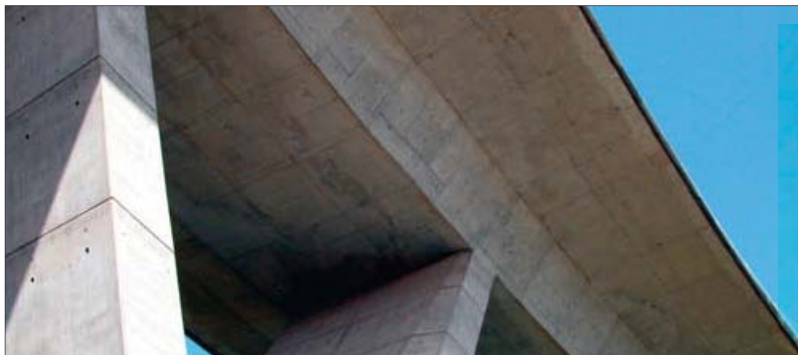
approx. 1.9 kg for every dm³ of cavity to fill or 19 kg/m² per cm of thickness.

Packaging: 25 kg bags



F.76 TIXO - TIXO RAPID

Fast-drying (F.76 TIXO RAPID) cement-based mortars with a low modulus of elasticity and controlled shrinkage for restoration on concrete structures and successive float finish. No vertical slip. F.76 TIXO is fiber-reinforced. Obtainable thickness: 40 mm per coat. Can be applied with a trowel. Withstands the penetration of polluting salts (chlorides, etc.).



Suitable for:

- Refurbishing and finishing iron reinforcing, girders, pillars, floors, steps, balcony fronts and, generally, concrete or cement structures damaged by the oxidation of reinforcing rods.
- Repairing industrial floors and making reinforced mortars for the structural strengthening of masonry work and vaults. Levelling horizontal cement-based surfaces in general.

For indoor and outdoor use. For horizontal and vertical surfaces. PROFESSIONAL USE.

TECHNICAL DATA

	F.76 TIXO	F.76 TIXO RAPID
Appearance	Grey powder	Grey powder
Hazard classification	Consult the technical and safety data sheets for more details	
Mixing ratio	4.5/5.0 l per 25 kg bag	3.5/4.0 per 25 kg bag
Apparent bulk density	1900 kg/m ³	1900 kg/m ³
*Pot-life of mixture	≥ 60 minutes	≥ 20 minutes
Grain size	max. 1 mm	max. 1 mm
Minimum layer that can be applied	10 mm	10 mm
Max. thickness per coat	40 mm	40 mm
Application temperature range	From +5°C to +35°C	From +5°C to +35°C
Thermal resistance	From -30°C to +90°C	From -30°C to +90°C
Storage	12 months in original packaging in a dry place (paper bags)	

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Bonding to concrete after 28 days (EN 1766)	≥ 1.5 N/mm ²	≥ 1.5 N/mm ²
Compressive strength after 28 days (EN 1504-3)	≥ 30 N/mm ²	≥ 35 N/mm ²
Flexural strength after 28 days (EN 1504-3)	≥ 7 N/mm ²	≥ 7 N/mm ²

*Data obtained at +21°C and 60% relative humidity.

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

approx. 19 kg/m² per cm of thickness

Packaging: 25 kg bags

F.76 FINITURA (White-Grey)

Cement-based quartz finishing product with a high adhesion and a low modulus of elasticity which can be applied with a trowel in order to achieve a smooth finish for concrete and cement-based substrates. Float finish. No vertical slip. Obtainable thickness: from 1 to 10 mm per coat. Excellent product for application by trowel.



Suitable for:

- Smoothing and repairing walls that are out of plumb prior to laying ceramic tiles, repairing damaged cement-based plasters, smoothing to a finish old and new concrete walls, also of the precast, bricks and cellular cement type.
- Smoothing screeds with uneven surfaces.
- Smoothing screeds on substrates covered with quartz-based paints.
- Can be painted or covered with both mineral and synthetic decorative materials.

For indoor and outdoor use. For horizontal and vertical surfaces.
PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed white and grey product
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	5.5 l of water per 25 kg bag
Apparent bulk density	1500 kg/m ³
Application temperature range	From +5°C to +40°C
*Pot-life of mixture	2 hours
Grain size	Max. 0.5 mm
Thickness per coat	From 1 to 10 mm
*Time to wait before applying the second coat	Approx. 30 min.
*Time to wait before troweling	Approx. 15 min.
Type of finish	Float finish
Painting	After approx. 14 days, depending on thickness
Ceramic tile laying	After 7 days, depending on thickness
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Flexural strength after 28 days	≥ 6 N/mm ²
Compressive strength after 28 days	≥ 12 N/mm ²
Bonding to concrete after 28 days	≥ 1.0 N/mm ²

*Data obtained at 23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

approx. 1.5 kg/m² per mm of thickness.

Packaging: 25 kg bags

F.78 MUROSAN

Dehumidifying macro-porous plaster based on special binders, quartz aggregates and synthetic additives. No vertical slip. Resistant to the soluble salts deposited through rising damp. High protection against driving rain. Can also be used for rendering. Float finish. Can be applied by hand or machine.



Suitable for:

- Treating surfaces subject to rising damp, condensation, walls damaged by salts, old damaged plaster surfaces, surfacing structures as a skimming plaster for new masonry works and for refurbishing curtain walls in general.
- For old and new masonry.

Thickness to obtain: at least 2 cm.

For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Grey powder
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	4/4.5 l per 25 kg bag
Bulk density of hardened mortar	1300 kg/m ³
Grain size	max. 1 mm
*Pot-life of mixture	approx. 50/60 minutes
Application temperature range	From +5°C to +35°C
Thermal resistance	From -30°C to +90°C
Thermal conductivity in dry state at T=10°C	at P=90% λ_{10} dry=0.39 W/mK (EN 1745) at P=50% λ_{10} dry=0.47 W/mK (EN 1745)
Storage	12 months in original packaging in a dry place

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Water vapour diffusion resistance factor (μ)	13 (EN 1015-19)
Water absorption (24h)	0.7 Kg/m ² (EN 1015-18)
Water penetration by rising damp	< 5 mm (EN 1015-18)
Compressive strength (28 days)	≥ 4.7 N/mm ² -Class CS II
Bonding	≥ 0.48 N/mm ² - FP:B

*Data obtained at 20°C and 65% relative humidity.

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

approx. 13-14 kg/m² per cm of thickness

Packaging: 25 kg bags

F.78 MUROSAN FINE

Dehumidifying macro-porous finishing plaster based on special binders, quartz aggregates and porogeneous additives. No vertical slip. Resistant to the soluble salts deposited through a widespread rise. High protection against driving rain. Compatible with all types of transpiring paints. Float finish.



Suitable for:

- Fine finishing treatments on surfaces treated with F.78 MUROSAN that had been subject to rising damp and condensation, on walls damaged by salts and old damaged plaster-work, without affecting their transpiring properties.

For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	White powder
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	5 l per 25 kg bag
Bulk density of mixture	1700 kg/m ³
*Pot-life of mixture	approx. 50/60 minutes
Application temperature range	From +5°C to +35°C
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Water vapour diffusion resistance factor (μ)	11 (DIN 52615)
Coefficient of water absorption (24h)	0.3 kg/m ² x h ^{-0.5}
Compressive strength	After 28 days ≥ 5.0 N/mm ²
Flexural strength	After 28 days ≥ 2.0 N/mm ²

*Data obtained at 20°C and 65% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

approx. 1.4 kg/m² per mm of thickness.

Packaging: 25 kg bags

F.78 MUROSAN LIGHT RINZAFFO

new

Pre-mixed, salt-resistant mortar to be machine-applied prior to application of F.78 MUROSAN LIGHT RISANA insulating and dehumidifying plasters. Semi-fluid consistency. Easily workable on both vertical surfaces and ceilings. Improves adhesion and chemical-physical resistance to the soluble salts of macro-porous dehumidifying plaster.



F.78 MUROSAN LIGHT RINZAFFO must be used as a first layer, applied by machine straight onto clean masonry after the old plaster has been removed and before application of F.78 MUROSAN LIGHT RISANA, in the following cases:

- Application of dehumidifying plasters on masonry strongly affected by rising damp.
- Application of dehumidifying plasters on the indoor and outdoor walls of buildings, of even recent construction, affected by rising damp.
- Application of dehumidifying plasters to the masonry of structures situated in lagoon areas or near the sea.
- Application of dehumidifying plasters on walls in stone, bricks and tuff.
- Creation of new dehumidifying plaster surfaces on structures made of stone (especially porous types, like limestone) and/or bricks, even when not properly fired (e.g. walls, pillars, vaults, etc.) and whenever saline efflorescence is a problem.

For indoor and outdoor use. PROFESSIONAL USE ONLY

TECHNICAL DATA

Appearance	Grey powder
Volumic mass of powder (g/cm ³)	1,00-1,10
Volumic mass of mixture (kg/m ³)	1900
Mixing ratio	Approx. 18%.
Consistency of mixture	pliant
Hazard classification	Consult the technical and safety data sheets for more details
Application temperature range	from +5°C to + 35°C
Maximum size of aggregate	2.5 mm
*Pot-life of mixture	approx. 60 minutes
Maximum thickness that can be applied	5 mm
Storage	12 months in original packaging in a dry place

* Data obtained at +23°C and 50% RH.

Product conforms to the specifications established by Reg. (CE) no. 1907/2006 (REACH) – Annex XVII, item 47

FINAL PERFORMANCE

Compressive strength after 28 days	10-15 MPa
Coefficient of permeability to water vapour (μ)	< 20

Consult the technical and safety data sheets for more details.

COVERAGE:

7.5-8 kg/m² (per 5 mm of thickness).

Packaging: 25 kg bags

F.78 MUROSAN LIGHT RISANA



Pre-mixed lightened dehumidifying plaster resistant to the soluble salts deposited through rising damp. Grey colour. For refurbishing damp stone, brick or tuff masonry above ground. Can be applied by hand or machine.



Suitable for:

- Refurbishing masonry in bricks or stone damaged by capillary rising damp.
- Refurbishing masonry made of porous stone such as tuff.
- Restoration of buildings damaged by sulphate salts, chlorides and saltpetre.
- Application of dehumidifying plasters to the masonry of structures situated in lagoon areas or near the sea.
- Application of dehumidifying plasters to stone or brick structures and whenever salt deposits are liable to form.
- Application of dehumidifying plasters to recently built walls that have not been insulated from the foundations beforehand.
- Repairing the plasterwork of buildings in stone, bricks or tuff where the original binding mortar is mechanically weak.
- Sealing of joints between exposed stones, brick and tuff masonry.

For indoor and outdoor use. PROFESSIONAL USE ONLY

TECHNICAL DATA

Appearance	Grey powder
Volumic mass of powder (g/cm ³)	1.20
Mixing ratio	21%
Hazard classification	Consult the technical and safety data sheets for more details
Application temperature range	from +5°C to + 35°C
Maximum size of aggregate	1 mm
*Pot life of mixture	6-8 hours
*Mixture remains workable	approx. 1 hour
*Time to wait before rendering	2 hours
Minimum thickness per coat	20 mm
Maximum thickness per coat	30 mm
Mortar porosity when fresh	< 20%
Total porosity of hardened mortar	> 40%
Storage	12 months in unopened packaging in a dry place

* Data obtained at +23°C and 50% RH.

Product conforms to the specifications established by Reg. (CE) no. 1907/2006 (REACH) – Annex XVII, item 47

FINAL PERFORMANCE

Compressive strength after 28 days – EN 1512/11	1.5-5 MPa – Class CSII
Flexural strength after 28 days – EN 1512/11	1-2 MPa
Dynamic elastic modulus after 28 days	< 4500 MPa
Vapour resistance factor (μ)	≤ 13
Bonding to concrete – EN 1512/12	≥ 0.4 MPa (B)
Thermal conductivity (λ) – EN 1745	0.42 W/mK
Water absorption – EN 1015/18	2.5 kg/m ²
Reaction to fire – EN 13501-1	Class A1

Consult the technical and safety data sheets for more details.

COVERAGE:

11.5-13 kg/m² per cm of thickness.

Packaging: 25 kg bags

F.78 MUROSAN CALCE RINZAFFO

new

Salt-resistant, cement-free, breathable rendering mortar with semi-fluid consistency, easily workable by machine or trowel, based on lime and eco-pozzolan. Applied as a first coat under breathable and structural dehumidifying plasters, it improves adhesion, evens out substrate absorption and slows down the salt transfer process.



F.78 MUROSAN CALCE RINZAFFO must be used as a first layer, applied by machine straight onto clean masonry after the old plaster has been removed and before application of F.78 MUROSAN CALCE RISANA, in the following cases:

- Refurbishing masonry damaged by capillary rising damp in existing buildings, also of historic and artistic importance.
- Refurbishing masonry damaged by the crumbling and flakiness caused by saline concentrations.
- Reconstruction of old lime-based plaster damaged by the weather, environmental conditions and wear and tear.
- Application of breathable and “structural” plaster coats when masonry is mechanically weak.
- Application of macro-porous dehumidifying plasters both indoors and outdoors on walls affected by capillary rising damp.
- Repairing masonry damaged by efflorescences.
- Application of dehumidifying plasters to the masonry of structures situated in lagoon areas or near the sea.
- Application of new dehumidifying plasters or refurbishing existing lime-based plasters in buildings of historic and artistic interest (historic town centers, churches, manor houses, mansions) on masonry made of stone, bricks, tuff and mixed materials.

For indoor and outdoor use. PROFESSIONAL USE ONLY

TECHNICAL DATA

GP mortar “for general purposes for indoor/outdoor plaster surfaces” conforming to standard EN 998-1

Appearance	White powder
Volumic mass of powder	1.25 g/cm ³
Volumic mass of mixture (kg/m ³)	1850
Mixing ratio	25-27.5%
Consistency of mixture	semi-fluid
Hazard classification	Consult the technical and safety data sheets for more details
Application temperature range	from +5°C to + 35°C
Maximum size of aggregate	2.5 mm
*Pot-life of mixture	approx. 60 minutes
*Mortar porosity when fresh	6%
Maximum thickness that can be applied	5 mm
Storage	12 months in original packaging in a dry place

* Data obtained at +23°C and 50% RH.

Product conforms to the specifications established by Reg. (CE) no. 1907/2006 (REACH) – Annex XVII, item 47

FINAL PERFORMANCE

Compressive strength after 28 days	> 10 MPa – Class CS IV
Bonding to substrate	≥ 0.7 MPa
Capillary water absorption	Class W 1
Coefficient of permeability to water vapour (μ)	≤ 30
Thermal conductivity	0.73 W/mK
Reaction to fire	class E
Resistance to sulphates	high
Saline bloom	absent

Consult the technical and safety data sheets for more details.

COVERAGE:

7.5 kg/m² (per 5 mm of thickness).

Packaging: 20 kg bags.

F.78 MUROSAN CALCE RISANA

new

Cement-free, salt-resistant mortar for macro-porous dehumidifying plasters based on lime and eco-pozzolan, for refurbishing existing masonry, also in buildings of historic interest, affected by capillary rising damp. Also suitable for the reconstruction of lime-based plaster damaged by the weather, environmental conditions and wear and tear.



Suitable for:

- Application of macro-porous dehumidifying plasters both indoors and outdoors on masonry affected by capillary rising damp.
- Repairing masonry damaged by efflorescences.
- Application of dehumidifying plasters to the masonry of structures situated in lagoon areas or near the sea.
- Application of new dehumidifying plasters or refurbishing existing lime-based plasters in buildings of historic and artistic interest (historic town centers, churches, manor houses, mansions) on masonry made of stone, bricks, tuff and mixed materials.

For indoor and outdoor use. PROFESSIONAL USE ONLY

TECHNICAL DATA

Mortar for refurbishing masonry belonging to class R according to standard EN 998-1

Appearance	White powder
Volumic mass of powder (g/cm ³)	1.50
Volumic mass of mixture (kg/m ³)	1700
Mixing ratio	19-21%
Hazard classification	Consult the technical and safety data sheets for more details
Application temperature range	from +5°C to + 35°C
Maximum size of aggregate	< 2.5 mm
*Pot-life of mixture	approx. 60 minutes
Total porosity	> 20%
Minimum thickness per coat	20 mm
Maximum thickness per coat	30 mm
EMICODE	EC1 R ^{PLUS} – very low emission
Storage	12 months in unopened packaging in a dry place

* Data obtained at +23°C and 50% RH.

Product conforms to the specifications established by Reg. (CE) no. 1907/2006 (REACH) – Annex XVII, item 47

FINAL PERFORMANCE

Compressive strength after 28 days	1.5 - 5 MPa – Class CS II
Bonding to substrate	≥ 0.4 MPa
Capillary water absorption	3.5 kg/m ²
Coefficient of permeability to water vapour (μ)	≤ 10
Thermal conductivity	0.61 W/mK
Reaction to fire	Class A1
Resistance to sulphates	high
Saline bloom	absent

Consult the technical and safety data sheets for more details.

COVERAGE:

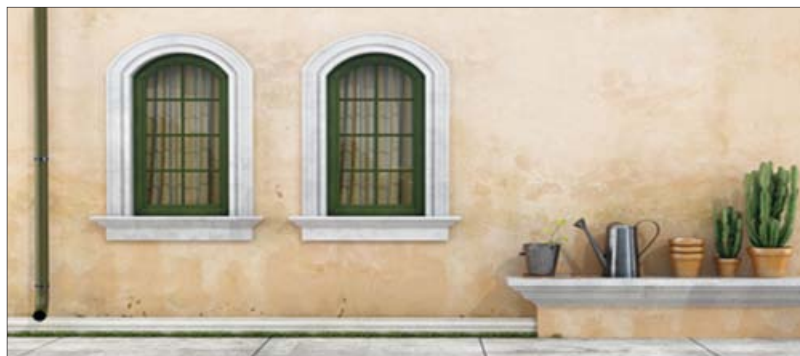
16 kg/m² per cm of thickness.

Packaging: 25 kg bags

F.78 MUROSAN CALCE INTONACO

new

Cement-free breathable base-coat plaster based on natural hydraulic lime (NHL) and eco-pozzolan for application to existing masonry, also of historic importance, or new constructions. Suitable for plastering existing or newly built masonry prior to painting or application of thin coloured smoothing products, for refurbishing old lime-based plaster surfaces not subject to capillary rising damp but damaged by the weather or by wear and tear.



Suitable for:

- Machine or trowel application of new breathable plaster products both indoors and outdoors, on walls made of stone, bricks, tuff and mixed materials not subject to capillary rising damp.
- Application of new plaster or refurbishing existing lime-based and/or mechanically weak plaster surfaces on walls in stone, bricks, tuff and mixed materials, also of historic and artistic importance.
- Sealing joints between exposed stone, brick and tuff masonry.

For indoor and outdoor use. PROFESSIONAL USE ONLY

TECHNICAL DATA

Mortar for general purposes (class GP) for indoor/outdoor plaster surfaces conforming to standard EN 998-1

Appearance	Pre-mixed light brown product
Volumic mass of powder	1.35 g/cm ³
Volumic mass of mixture (kg/m ³)	1750
Type of binder	NHL 3.5 and NHL 5
Mixing ratio	19-21%
Hazard classification	Consult the technical and safety data sheets for more details
Application temperature range	from +5°C to + 35°C
Maximum size of aggregate	< 1.4 mm
*Pot-life of mixture	50-60 minutes
Total porosity	> 20%
Minimum thickness per coat	10 mm
Maximum thickness per coat	30 mm
EMICODE	EC1 R ^{PLUS} – very low emission
Storage	12 months in original packaging in a dry place

* Data obtained at +23°C and 50% RH.

Product conforms to the specifications established by Reg. (CE) no. 1907/2006 (REACH) – Annex XVII, item 47

FINAL PERFORMANCE

Compressive strength after 28 days	1.5 - 5 MPa – Class CSII
Bonding to substrate	> 0.3 MPa
Capillary water absorption	Class W0
Coefficient of permeability to water vapour (μ)	≤ 12
Thermal conductivity	0.57 W/mK
Reaction to fire	Class A1

Consult the technical and safety data sheets for more details.

COVERAGE:

16 kg/m² per cm of thickness.

Packaging: 25 kg bags

F.78 MUROSAN CALCE FINE

new

Fine-textured, cement-free, salt-resistant, breathable smoothing mortar based on lime and eco-pozzolan for applying a float finish to plaster surfaces. Ultra-low emissions of volatile organic compounds. To be applied as a salt-resistant, breathable finishing coat to lime- or cement-based macro-porous dehumidifying plasters.



Suitable for:

- Application of a macro-porous dehumidifying levelling float finish both indoors and outdoors; for refurbishing masonry damaged by capillary rising damp and soluble salts in existing buildings, also those of historical and artistic importance.
- Application of levelling float finishes to coarser-grain lime-based breathable base-coat plaster surfaces.
- Application of levelling float finishes to lime-based plaster surfaces damaged by weather conditions and by wear and tear.
- Application of levelling float finishes to dehumidifying plasters on the walls of structures situated in lagoon areas or near the sea.
- Application of levelling float finishes to new dehumidifying plaster surfaces or to existing lime- or cement-based plaster surfaces on walls in stone, bricks, tuff and mixed materials, also of artistic importance.

For indoor and outdoor use. **PROFESSIONAL USE ONLY**

TECHNICAL DATA

GP mortar "for general purposes for indoor/outdoor plaster surfaces" conforming to standard EN 998-1

Appearance	White powder
Volumic mass of powder (g/cm ³)	1.2
Volumic mass of mixture (kg/m ³)	1800
Mixing ratio	24-26%
Hazard classification	Consult the technical and safety data sheets for more details
Application temperature range	from +5°C to + 35°C
Maximum size of aggregate	< 400 µm
*Pot-life of mixture	approx. 60 minutes
Maximum thickness per coat	2 mm
EMICODE	EC1 R ^{PLUS} – very low emission
Storage	12 months in original packaging in a dry place

* Data obtained at +23°C and 50% RH.

Product conforms to the specifications established by Reg. (CE) no. 1907/2006 (REACH) – Annex XVII, item 47

FINAL PERFORMANCE

Compressive strength after 28 days	10 MPa – Class CS IV
Bonding to substrate	≥ 0.6 MPa
Capillary water absorption	Class W 2
Coefficient of permeability to water vapour (µ)	≤ 15
Thermal conductivity	0.67 W/mK
Reaction to fire	Class E
Resistance to sulphates	high
Saline bloom	absent

Consult the technical and safety data sheets for more details.

COVERAGE:

1.4 kg/m² per mm of thickness.

Packaging: 25 kg bags

F.42 MALTEX

Synthetic latex specifically formulated as an additive for sand-cement mortars and bonding mortars. Totally or partially replaces the water used for mixing. Makes the mortars better able to bond, more compact, waterproof, able to withstand adverse atmospheric agents and pollutants.

Reduces the formation of cracks due to plastic shrinkage. Increases the bonding on smoothed concrete surfaces.

Suitable for mortar used for:

- Making cement-based screeds and plasters, re-casting and repairing concrete.

Suitable substrates:

- Cement-based plasters and screeds, cured concrete floor slabs, cellular cement, heated screeds, existing floors and ones subject to heavy traffic.

For indoor and outdoor use. PROFESSIONAL USE.



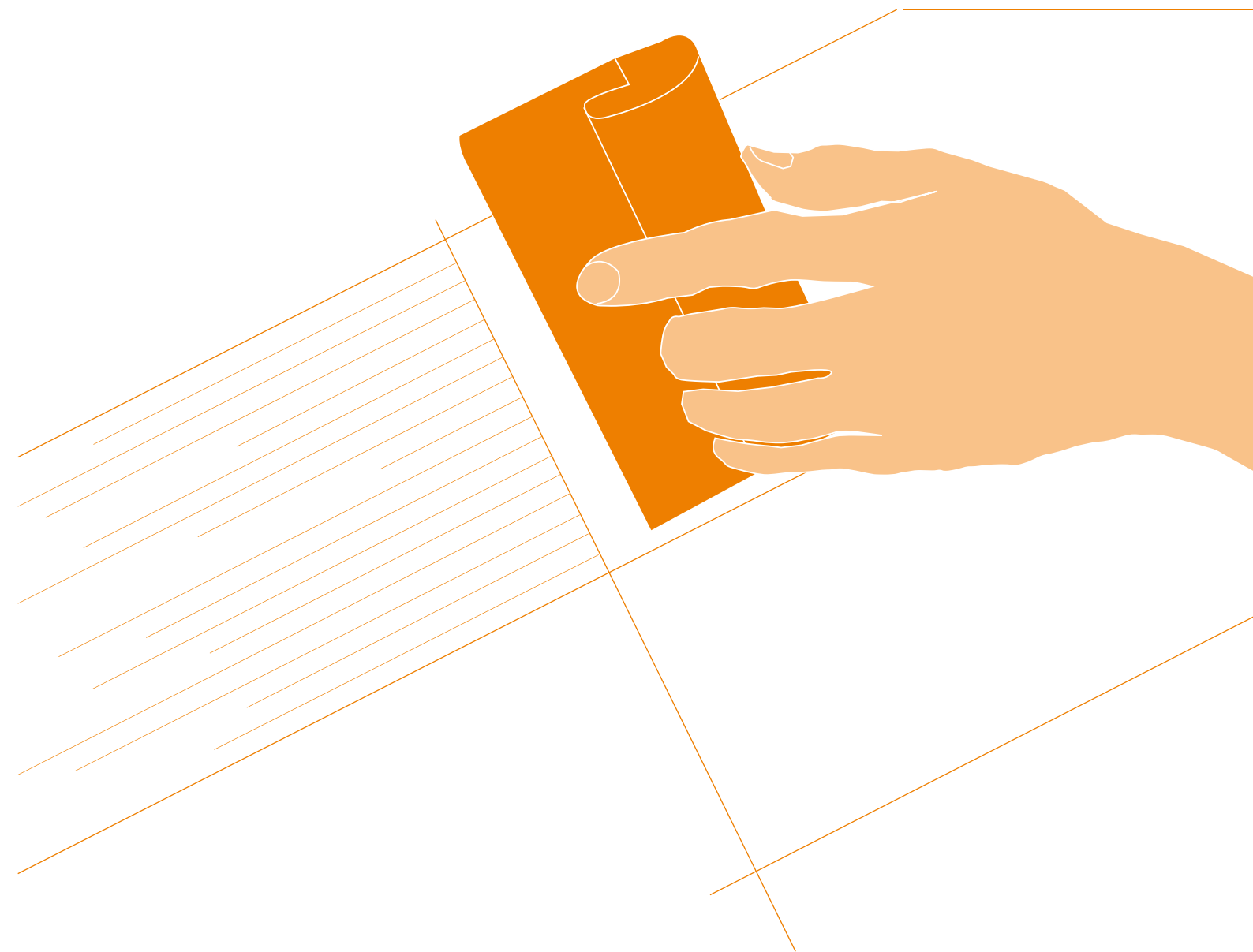
TECHNICAL DATA

Appearance	Thick milky liquid
Colour	White
Hazard classification	Consult the technical and safety data sheets for more details
pH	10
Mixing ratio for bonding screeds	Thickness (10-35 mm) 1 part F.42 and 3 parts water
pH of mixture	9,5
Brookfield viscosity (mPa s)	40
Solid residue	40%
Application temperature range	From -30°C to +90°C
Storage	24 months in the original closed packaging. PROTECT AGAINST FROST.

COVERAGE:

depending on the use.

Packaging: 5 and 25 kg drums and 1 kg tins in boxes containing 12 pcs.



F.24	Poliprimer mono
F.30	Monoparquet
F.30	Parquet A+B
F.80	Puliparquet

PARQUET

Products for laying parquet

05



F.24 POLIPRIMER MONO

Solvent-free hygro-hardening single-component polyurethane primer with ultra-low emission of volatile organic compounds (VOC), for waterproofing cement-based screeds. If a cement-based smoothing treatment must be carried out after F.24 POLIPRIMER has been applied, dust the freshly treated surface with fine quartz so as to create an adequate bond and remove all the loose excess after 36 hours.



Suitable for:

- surface strengthening treatment for both cement- and anhydrite-based screeds, also heated screeds.
- Waterproofing cement-based screeds with up to 5% residual humidity before laying wooden floors.

PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Brown liquid
Hazard classification	Consult the technical and safety data sheets for more details
Volumic mass (g/m ³)	1,05
Solids content (%)	100
Brookfield viscosity (mPa s)	65 (shaft 1 – 10 rpm)
Application temperature range	From +5°C to +35°C
*No longer tacky after	3-4 hours
*Walk-over time	7-8 hours
*Final setting	24 hours
*Time between applications	at least 3 hours, 24 hours max
*Time to wait before laying with adhesive	at least 24 hours, 72 hours max
*Minimum time before last coat can be subjected to successive processes (dusting with quartz)	36 hours
Storage	12 months in original packaging. PROTECT AGAINST FROST

*Data obtained at +23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

0.2-0.4 kg/m² per coat, depending on the porosity of the substrate.

Packaging: 10 kg drums

F.30 MONOPARQUET

Single-component polyurethane adhesive without solvents or free amines and with ultra-low emission of volatile organic compounds, for glueing pre-finished plywood parquet. Features low viscosity, optimum workability, excellent hold along a straight line. Can also be used by layers who are allergic to epoxy and epoxy-polyurethane products. Unused product can be reused for other applications.



Suitable for:

- Glueing pre-finished plywood parquet of any format and on all types of substrate.
- Glueing pre-assembled panels of any format and on all types of substrate.
- Glueing composite elements of any format and on all types of substrate.
- Especially recommended for heating substrates.

PROFESSIONAL USE.

TECHNICAL DATA

Consistency	Creamy paste
Colour	beige
Volumic mass (g/m ³)	1,45 ± 0,05
Solid residue (%)	100
Brookfield viscosity (mPa s)	32.000 ± 4.000 (rotor 7 – rpm 50)
Hazard classification	Consult the technical and safety data sheets for more details
EMICODE	EC1 R – very low emission
Application temperature range	from +10°C to + 25°C
*Open time (skin formation)	110 ± 5 min.
*Adjustment time	3 hours
*Walk-over time	Approx. 12 hours
*Time before pre-assembled elements can be sanded	3 days
Storage time	12 months in the original, tightly closed package stored in normal conditions. Long-distance transport may require use of thermally insulated containers.

* Data obtained at +23°C and 50% relative humidity.

FINAL PERFORMANCE

Wood-concrete bonding (N/mm ²)	1,8
Wood-ceramic bonding (N/mm ²)	1,3
Operating temperature	from -20°C to +80°C
Elongation at break (%) after 7 days at + 23°C	130
Shore A hardness (after 7 days at +23°C)	55

Consult the technical and safety data sheets for more details.

COVERAGE:

0.8-1.0 kg/m².

Packaging: 15 kg in aluminium packet in a plastic bucket.

F.30 PARQUET A+B

Two-component epoxy-polyurethane adhesive for wooden floors formed by 2 easily blended pastes which, once hardened, create a tenacious film with high bonding characteristics on any surface, even when non-absorbent.



Suitable for:

- Glueing traditional parquet of a medium format even on screeds that contain floor heating systems.
- Glueing all types of pre-finished parquet even on screeds that contain floor heating systems.

PROFESSIONAL USE.

TECHNICAL DATA

	Component A	Component B
Consistency	Pasty	Pasty
Colour		
- light	beige	brown
- dark	brown	whitish
Volumic mass (g/cm ³)	1.70 g/cm ³	1.57 g/cm ³
Solid residue (%)	96,5	100
Brookfield viscosity (mPa s)	30.000 (rotor 7 – rpm 50)	8.000 (rotor 7 – rpm 50)
Hazard classification	Consult the technical and safety data sheets for more details	
Mixing ratio	A : B = 9 : 1	
Application temperature range	from +10°C to + 30°C	
Viscosity of mixture Rotor 7 – rpm 50 (mPa·s)	30.000	
Volumic mass of mixture (g/m ³)	1,66	
*Pot life of mixture	60 min.	
*Open time	1 hour	
*Adjustment time	2 hours	
*Walk-over time	After 24 hours	
*Surfacing	After at least 3 days	
Storage	12 months in original packaging	

* Data obtained at +23°C and 50% relative humidity.

FINAL PERFORMANCE

Wood-concrete bonding (N/mm ²)	> 3 (breakage of concrete)
Wood-ceramic bonding (N/mm ²)	> 3
Operating temperature	from -30°C to +70°C
Flexibility	yes
Shore A hardness (after 7 days at +23°C)	80

Consult the technical and safety data sheets for more details.

COVERAGE:

1.0-1.5 kg/m² with wooden applicator, depending on the type of substrate.

Packaging: Kit (A+B) weighing 10 kg (9.0 + 1.0).

F.80 PULIPARQUET

Cleaning fluid for painted pre-finished parquet soiled with traces of reactive adhesives (polyurethane two-component or single-component products) when laid. The adhesive must be cleaned from the painted pre-finished parquet immediately, or within no more than 4 hours after it has been laid. Stains can also be removed the day after using F.80 PULIPARQUET and sawdust. The slightly greasy film that remains on the surface of the parquet after cleaning can be removed with a common detergent.

PROFESSIONAL USE.



TECHNICAL DATA

Appearance	Clear liquid
Hazard classification	Consult the technical and safety data sheets for more details
Volumic mass (g/m ³)	0,95
Solids content (%)	100
Viscosity (Ø 4 Ford cup)	14 sec.
Storage	24 months in original packaging.

Consult the technical and safety data sheets for more details.

COVERAGE:

Varies, depending on the amount of residues to be removed: indicatively 5-20 g/m².

Packaging: 1 litre bottles (0.85 kg) in boxes of 12 pcs.

F.62
F.62

Acricol
P/2

RESILIENT

ADHESIVES FOR RESILIENT FLOOR AND WALL MATERIALS
Adhesives for textiles and resilient floor and wall materials in general

06



F.62 ACRICOL

Ready-to-use universal adhesive in a watery dispersion with a high initial tackiness and long open time. Based on synthetic resins and special additives.

Suitable for:

- Laying all types of vinyl floor materials (homogeneous and heterogeneous PVC, with PVC or foam backing), floors in cork or with PVC backings, expanded PVC coatings or ones with fabric backings on absorbent substrates, insulating materials in polyurethane or styrene, tufted carpeting.

Substrates:

- Absorbent types such as gypsum, scagliola, anhydrite, cement-based screeds, skimming plaster, cellular cement, wood, heated screeds.
- Do not use on substrates subject to rising damp.

For floors and walls. For indoor use. PROFESSIONAL USE.



TECHNICAL DATA

Appearance	Creamy paste in a watery dispersion
Colour	White
Hazard classification	Consult the technical and safety data sheets for more details
Bulk density	1.35 g/cm ³
Dry residue	72±1%
Application temperature range	From +15°C to +35°C
*Time to wait	From 0 to 10 min
*Open time	≥ 30 min.
*Walk-over time	2/4 hours
*Fit for use	approx. 24/48 hours
Thermal resistance	From -10°C to +60°C
Storage	24 months in original packaging in a dry place PROTECT AGAINST FROST.

FINAL PERFORMANCE

Withstands the passage of wheelchairs:	Yes
Bonding by peeling at +90°C: according to EN 1372 after 14 days at +23°C	PVC ≥ 3.0 N/mm ² (covering breakage)

*Data obtained at 23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

approx. 0.3/0.4 kg/m²

Packaging: 12 kg buckets

F.62 P/2

Two-component water-free epoxy-polyurethane adhesive to be spread in a single coat.

Suitable for:

- Laying PVC, expanded rubber, rubber flooring in sports facilities, tufted carpeting, artificial lawns, parquet, all types of linoleum, etc., also subject to heavy and intensive traffic.

Substrates:

- Absorbent types such as gypsum, scagliola, anhydrite, cement-based screeds, skimming plaster, cellular cement, wood, heated screeds.
- Inabsorbent types: existing ceramic tiles or parquet, floors treated with epoxy paints, etc.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.



TECHNICAL DATA

	Comp. A	Comp. B
Appearance	Thick paste	Fluid liquid
Hazard classification	Consult the technical and safety data sheets for more details	
Bulk density	1.5 g/cm ³	0.92 g/cm ³
Solid residue	97%	84%
Brookfield viscosity (mPa s)	300,000 (rot. E RPM 2.5)	30 (rot. 1 RPM 5)
Application temperature range	From 10°C to +30°C	
Mixing ratio	Pre-batched: comp. A 94 parts, comp. B 6 parts	
Bulk density	1.45 g/cm ³	
*Pot-life of mixture	50-60 minutes	
*Open time	60 minutes	
*Adjustment time	≥ 90 minutes	
*Starts to set	8 hours	
*Final hardening	9 hours	
*Walk-over time	12/24 hours	
*Fit for use	After 3 days	
Storage	24 months in original packaging in a dry place PROTECT AGAINST FROST.	

FINAL PERFORMANCE

Withstands the passage of wheelchairs:	Yes
Bonding by peeling at +90°C: After 14 days at +23°C (According to EN 1372)	
- Homogeneous PVC	≥ 3.0 N/mm ²
- Rubber	≥ 3.0 N/mm ²

*Data obtained at 23°C and 50% relative humidity.

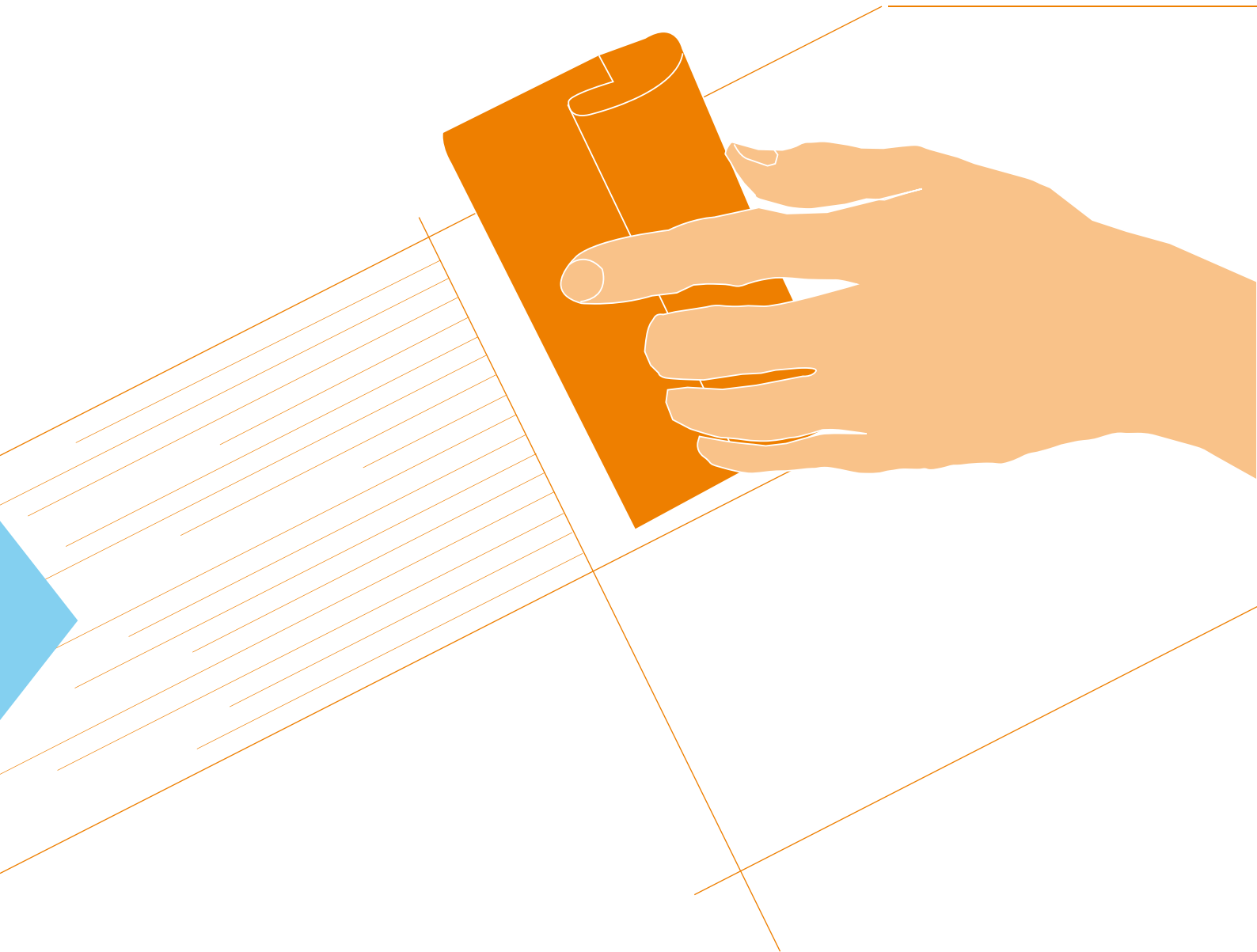
Consult the technical and safety data sheets for more details.

COVERAGE:

approx. 0.4-1 kg/m²

Packaging: 10 kg buckets (9.4±0.6)

Laying of carpeting and resilient materials



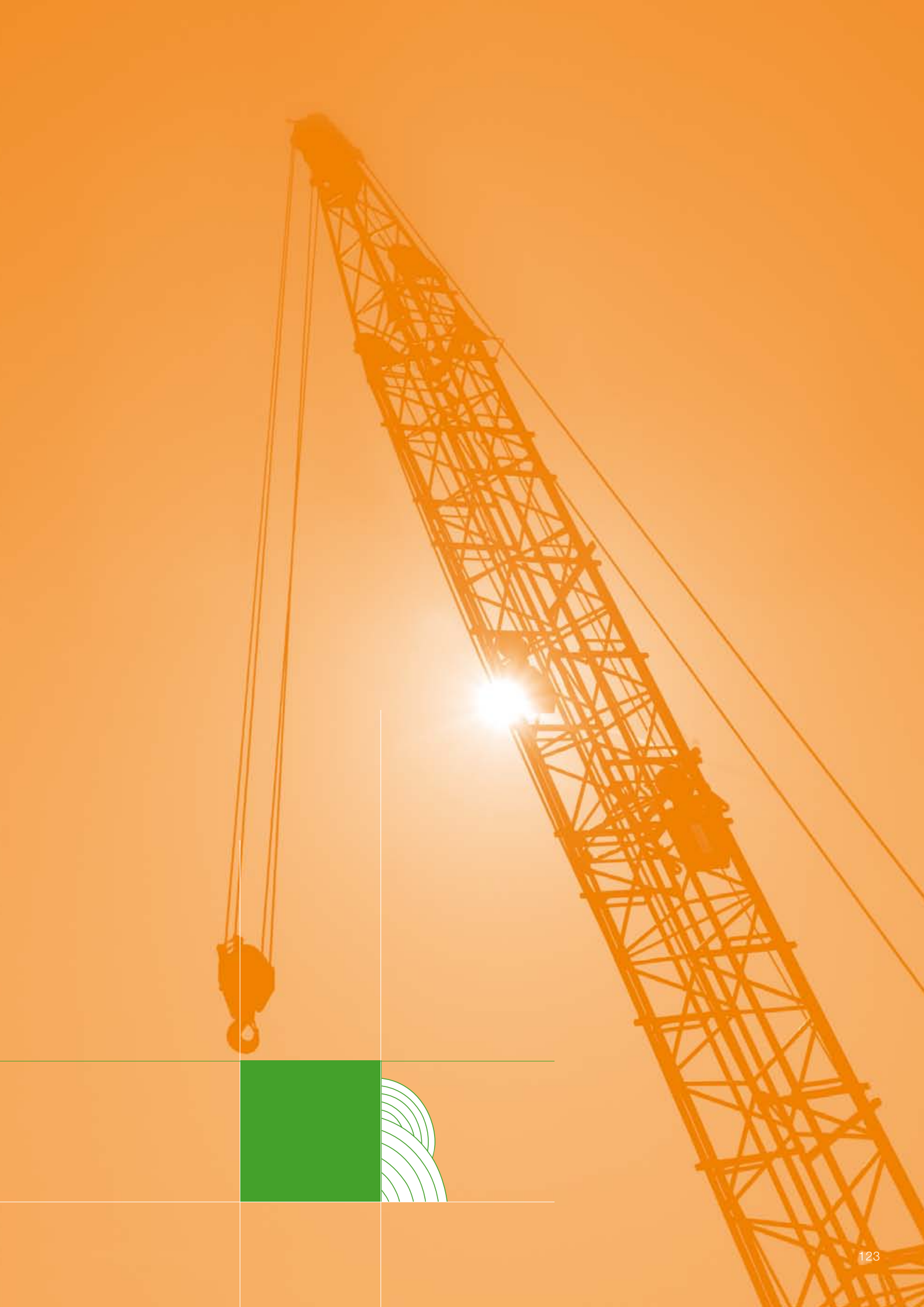
CERCOL PRODUCTS	F.62 ACRICOL For indoor use on absorbent substrates.	F.62 P/2
VINYL FLOORS		
Semi-flexible vinyl	*	*
Homogeneous vinyl	*	*
Heterogeneous vinyl	*	*
Vinyl on foam	*	*
Vinyl on polyurethane foam	*	*
Vinyl on natural felt	*	*
Vinyl on synthetic felt	*	*
RUBBER FLOORS		
Smooth		*
Fabric bonded		*
Smooth blisters		*
Irregular blisters		*
Anti-oil		*
Ridged		*
Sports (indoor/outdoor)		*
Steps		*
TUFTED MATERIALS		
Smooth Normal		*
Latex type		*
Foam-backed		*
Polypropylene type		*
TEXTILE FLOORS IN GENERAL AND CARPETING		
Latex type	*	*
Latex foam	*	*
Polyurethane foam	*	
PVC foam	*	
Natural jute	*	*
Synthetic jute	*	
Non-woven polyester	*	*
Outdoor use		*
COCONUT MATTING		
Natural	*	*
Latex type	*	
LINOLEUM FLOORS		
Natural jute		
Synthetic jute	*	*
Linoleum cork		
CORK FLOORS		
Natural cork	*	*
Cork with PVC backing	*	*
Painted cork		*

F.15	Vetroblock
F.15	Maltastuc
F.54	Beton
F.74	Malta refrattaria
F.83	Antigelo
F.82	Disarmante
F.87	Iperflu
F.79	Idrosil
F.81	Imprecer
F.65	Proteggi terrazze
F.80	Liquid and powder Cernet
F.27	Color
F.89	Sabbia quarzifera

CONSTRUCTION

MISCELLANEOUS PRODUCTS FOR BUILDING
Adhesives for textiles and resilient floor and wall materials in general

07



F.15 VETROBLOCK

Special single-component mortar for laying and sealing glass blocks, based on high resistance PTL 52.5R cements, spheroidal quartz and synthetic additives. Suitable for shrink-free sealing of joints from 2 to 20 mm in width. Can also be used for sealing 2 to 20 mm joints between any type of ceramic tiles (including klinker and porcelain) and natural stones.



For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	White pre-mixed product
Hazard classification	Consult the technical and safety data sheets for more details
Weight density	1.9 g/cm ³
Mixing ratio	1.2 l of water per 5 kg bag
*Time between fixing and grouting:	6 hours
Application temperature range	From +5°C to +40°C
*Pot-life of mixture	≥ 60 minutes
Fit for use	3 days
Thermal resistance	From -30°C to +90°C
Storage	24 months in original packaging in a dry place (5 Kg packets in PE)

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Compressive strength:		
- After 28 days	≥ 15 N/mm ²	EN 13888
- After 25 freezing-thawing cycles	≥ 15 N/mm ²	EN 13888
Flexural strength:		
- After 28 days	≥ 3.5 N/mm ²	EN 13888
- After 25 freezing-thawing cycles	≥ 3.5 N/mm ²	EN 13888

*Data obtained at +23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

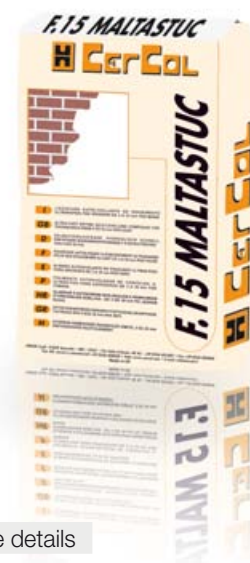
COVERAGE:

Approx. 15-20 kg/m² (as a fixing mortar);
Approx. 2.5 kg/m² (as a sealant for 20x20 cm blocks with 10 mm joints)

Packaging: 25 kg boxes (five 5 kg bags)

F.15 MALTASTUC

Cement-based water-repellent refurbishing mortar for building and grouting (joints width: minimum 5 mm) walls made of stone and fair-face bricks. Suitable for refurbishing brickwork, structures made of solid bricks, tufa, natural and composite stones and for coloured smoothing for indoor and outdoor. Product with no vertical slip, a high bonding capacity and resistance to atmospheric agents.



For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed product
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	4:4,5 l per 25 kg bag
Volumic mass of mixture	1800 kg/m ³
*Pot-life of mixture	Approx. 4 hours
Minimum width of the joints	5 mm
Maximum granulometry	1 mm
Thickness per coat	5-20 mm
Application temperature range	From +5°C to +35°C
Thermal resistance	from -30°C to +90°C
Storage	12 months in original packaging in a dry place

*Data obtained at +23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Compressive strength after 28 days	≥ 10 MPa
Bonding to substrate	≥ 1,0 MPa – FB:B
Cut resistance	0,30 MPa
Water absorption	≤ 0,2 Kg/(m ² min ^{0,5})
Coefficient of permeability to water vapour μ	23
Thermal conductivity (λ _{10, dry} ; P=50%)	0,67 W/mK
Reaction to fire	A1
Chloride content	≤ 0,01%
Abrasion resistance (EN 12808-2)	≤ 1000 mm ³ (alta resistenza abrasione)

Consult the technical and safety data sheets for more details.

COVERAGE:

Varies according to the size of the stones and the width of the joints.
As mortar for plaster: approx 1,6 Kg/m² per mm of thickness.

Packaging: 25 kg bags

F.54 BETON

Single-component quartz adhesive based on cements and special additives for laying blocks of cellular cement.
Easily workable, thixotropic high-tack adhesive.



Suitable for:

- Laying and successive smoothing of expanded cellular cement blocks such as GASBETON, YTONG or similar, and smoothing of fireplace hoods in general.
- Used to obtain REI 180 incombustible building structures.
- It is also suitable for smoothing/levelling cement substrates in general.

Layer thickness obtained: 15 mm.

For indoor and outdoor use. PROFESSIONAL USE

TECHNICAL DATA

Appearance	Pre-mixed white product
Hazard classification	Consult the technical and safety data sheets for more details
Inflammability	No (INCOMBUSTIBLE CLASS M0)
Mixing ratio	1 bag (25 kg) with 6.0 l of water
Application temperature range	From +5°C to +30°C
*Open time (EN 1346)	15 min.
*Pot-life of mixture	≥ 3 hours
*Plaster application/grouting	24 hours
*Painting/finishing	36 hours
*Final setting	After 14 days
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Compressive strength after 28 days: (EN 998-1)	3.5-7.5 N/mm ² Class CS3
Reaction to fire: (EN 998-1)	0 (incombustible) - Class A1 according to EN 998 1 and 2
Bonding (EN 998-1)	≥ 1.0 N/mm ² - FP:B
Vapour permeability (EN 998-1)	≤ 12
Water absorption (EN 998-1)	W0
Compressive strength class (EN 998-2)	M5 (≥ 5 N/mm ²)
Cutting resistance (EN 998-2):	≥ 0.30 N/mm ²
Chloride content (EN 998-2)	≤ 0.1%

*Data obtained at 23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

approx. 3 kg/m² for 7 cm blocks.

10 kg/m² for 25 cm blocks.

As a smoothing mortar 1.3 kg/m² per mm of thickness.

Packaging: 25 kg bags

F.74 MALTA REFRAATTARIA

Pre-mixed mortar based on special binders and synthetic additives with a high thermal resistance. Thermal resistance: up to +600°C.

Suitable for:

- Installing and smoothing fireplaces, stoves, barbecues, food ovens, refractory brick masonry, refractory brick stacks, plastering and smoothing of refractory bricks, etc...
- Not suitable for installing industrial kilns.

For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Pre-mixed grey cement-based product
Hazard classification	Consult the technical and safety data sheets for more details
Apparent bulk density	1700 kg/m ³
Mixing ratio	1.0 l per 5 kg packet
Application temperature range	From +5°C to +35°C
*Pot-life of mixture	≥ 60 minutes
*Fit for use	After 5/7 days
Thermal resistance	From -20°C to +600°C
Storage	24 months in original packaging in a dry place

*Data obtained at +23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

Consult the technical and safety data sheets for more details.

COVERAGE:

depending on the use.

Packaging: 25 kg boxes (five 5 kg packets)



F.83 ANTIGELO

Chloride-free antifreeze powder for cement-based mortars and concretes.

Suitable for:

- Preparing plasters, substrates, concrete casts, bonding and grouting ceramic materials at application temperatures of down to -10°C.
- Non-corrosive for reinforcing rods and forms.

For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	White powder
Hazard classification	Consult the technical and safety data sheets for more details)
Batching for mortars	Down to -5°C: 1 kg per 100 kg of cement Down to -10°C: 2 kg per 100 kg of cement
Batching for adhesives/sealants	Down to -5°C: 75 g per 25 kg bag Down to -10°C: 150 g per 25 kg bag
Application temperature range	Down to -10°C
Storage	24 months in original packaging in a dry place

Consult the technical and safety data sheets for more details.

COVERAGE:

depending on the use.

Packaging: 1 kg packets in boxes of 25 pcs.



F.82 DISARMANTE

Concentrated liquid based on emulsifiable oil for dismantling and re-using all types of wooden forms. Can be diluted up to 20 parts in volume with water. Can be used with all types of concrete and hydraulic binders for forming even surfaces. Shake before use.

For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Yellow-brown fluid liquid
Hazard classification	Consult the technical and safety data sheets for more details
Inflammability	No
Bulk density	0.89 g/cm ³
Solid residue	100%
Minimum application temperature	+1°C
Dilution	1 part in volume with 20 parts in volume of clean water (with 10 parts for new forms)
Colour of emulsion	Whitish
pH of emulsion	7.5
Stability of emulsion	1-2 days
*Drying time	3-5 hours
Storage	24 months in original packaging in a dry place PROTECT AGAINST FROST.

*Data obtained at 23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

approx. 10-30 kg/m²

Packaging: 4.5 and 23 kg cans.



F.87 IPERFLU

Acrylic hyper-fluidizing product for preparing mortars with a low water/cement ratio. Makes the mortar smoother, easier to pump and compact. Guarantees less shrinkage and faster setting, consequently increasing the mechanical strength. Increases the thermal conductivity of cement-based screeds with heating systems. Free from chlorides.

Can be used for substrates, heated screeds, castings for municipal water supply pipelines, tanks and with pre-mixed products such as F.67 MALTARAPID, F.69 CERMALT, F.69 CERMALT PRONTO

For indoor and outdoor use. PROFESSIONAL USE

TECHNICAL DATA

Appearance	Amber liquid
Hazard classification	Consult the technical and safety data sheets for more details
Batching	0.5-1.5 l per 100 kg of cement
Application temperature range	From +5°C to +35°C
Storage	24 months in original packaging in a dry place PROTECT AGAINST FROST.

Consult the technical and safety data sheets for more details.

COVERAGE:

depending on the use.

Packaging: 25 kg cans



F.79 IDROSIL

Highly penetrating, transparent and transpiring water-repellent liquid silicone in a watery solution. No filming action. Makes the surfaces water-repellent without creating a film and without altering the transpiration properties, preventing water and smog from being absorbed and the subsequent formation of mildew, salt deposits and infiltrations. Does not alter the visual aspect of the treated surfaces.

Suitable for:

- Treating plasters, reinforced concrete, cement-based structures, brickwork, natural stones, external walls treated with transpiring paint. Can be used as an anti-salt primer for dehumidifying plasters such as F.78 MUROSAN.

For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Clear liquid
Hazard classification	Consult the technical and safety data sheets for more details
Weight density	1.02 g/cm ³
Application temperature range	From +5°C to +30°C
*Surface drying time	1-2 hours
*Time required to completely develop the water-repellent effect	2 days
Storage	24 months in original packaging in a dry place PROTECT AGAINST FROST.

*Data obtained at 23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

0.1-0.2 kg/m²

Packaging: 5 kg cans



F.81 IMPRECER

Water-repellent liquid based on siloxane polymers with a high penetration power in a solvent solution. No filming action. Makes the surfaces water-repellent, reducing the absorption of water, smog and the subsequent formation of mildew, salt deposits and infiltrations to a considerable degree. Does not alter the visual aspect of the treated surfaces.

Suitable for:

- Treating cotto tiles, plaster surfaces, concrete, cladding tiles, reinforced concrete, cement-based structures, brickwork, natural stones.

For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Clear liquid
Hazard classification	Consult the technical and safety data sheets for more details
Application temperature range	From +5°C to +30°C
*Surface drying time	1 hour
*Time required to completely develop the water-repellent effect	2 days
Storage	24 months in original packaging in a dry place PROTECT AGAINST FROST.

*Data obtained at 23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

The complete list of performance data with respect to CE marking is given in full in the technical data sheet.

COVERAGE:

0.1-0.2 kg/m²

Packaging: 5 l cans.



F.65 PROTEGGI TERRAZZE

Solvent-based protective kit for treating and consolidating the surfaces of absorbent outdoor substrates. F.65 PROTEGGI TERRAZZE FONDO penetrates into the materials at depth while F.65 PROTEGGI TERRAZZE FINITURA provides excellent stain-proofing properties and prevents algae and fungi from forming. The combined use of FONDO and FINITURA exercises an extremely efficient and long-lasting water-repellent action while maintaining the vapour permeability properties and colour of the floor materials intact.

Suitable for:

- Water-repellence and protective treatment for cotto and terracotta materials, klinker, bricks
- Water-repellence and protective treatment for marble-cement and marble-resin composite materials

The products can be applied with a brush, roller or fleece applicator. The application surface must be clean and perfectly dry. Do not use the products on surfaces that are very wet, directly exposed to the sun, excessively hot, or during the hotter hours of the day.

For outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

	Fondo	Finitura
Appearance	Clear liquid	Transparent to amber-coloured liquid
Hazard classification	Consult the technical and safety data sheets for more details	
Volumic mass	0.840 kg/l	0.980 kg/l
Flash point	43°C	46°C
Storage	24 months in original packaging in a cool, dry place	24 months in original packaging in a cool, dry place

Consult the technical and safety data sheets for more details.

COVERAGE:

FONDO: 10-12 sq m per liter of product

FINITURA: 8-15 sq m per liter of product

Packaging: Kit containing 1 liter of FONDO + 1 liter of FINITURA



F.80 CERNET LIQUIDO and POLVERE (liquid and powder)

Non-toxic buffered acid detergent for cleaning the remains of adhesives, cement-based sealants and hardened lime residues from ceramic surfaces. Does not damage the ceramic surfaces. Also suitable for removing efflorescences from bricks, concrete and cotto floors and for removing lime deposits from all surfaces, with the exception of those in wood, metal or chromium plated material. Can be diluted with up to 50% water. Not to be used on marble, limestone and derivatives or on grouting which has not yet fully hardened (wait 3-4 days).

For horizontal floors and surfaces. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

	F.80 CERNET LIQUIDO (liquid)	F.80 CERNET POLVERE (powder)
Appearance	Liquid solution	Powder
Colour	Transparent, colourless	Whitish
Hazard classification	Consult the technical and safety data sheets for more details	
Inflammability	No	No
Bulk density	1.09 g/cm ³	1.22 g/cm ³
Active substance	15%	100%
pH	1.1	-
Application temperature range	From +5°C to +40°C	
Time to wait prior to rinsing	5 minutes	
Storage	24 months in original packaging in a dry place PROTECT AGAINST FROST.	

Consult the technical and safety data sheets for more details.

COVERAGE:

Approx. 100-200 g/m²

Packaging: F.80 Cernet liquido (liquid):

5 kg cans

1 kg bottles in boxes of 12 pcs.

F.80 Cernet polvere (powder):

boxes containing 18 pcs



F.27 COLOR

Highly penetrating paint for evening out the shade of cement-based grouts damaged by staining, marks, wall paint residues, etc...

Indications: Apply with a brush and immediately clean off the residues from the surfaces alongside the joints using a cloth soaked in a solution of water and spirits. Do not use on surfaces that have already been treated with wax or similar products.

For indoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Thick liquid in various different colours.
Hazard classification	Consult the technical and safety data sheets for more details
Application temperature range	From +5°C to +25°C
*Walk-over time	12 hours
*Final drying	36/48 hours
Thermal resistance	From -30°C to +90°C
Storage	24 months in original packaging in a dry place PROTECT AGAINST FROST.

Consult the technical and safety data sheets for more details.

COVERAGE:

indicatively 25 g/linear meter of joint.

Packaging: 1 kg bottles



F.89 SABBIA QUARZIFERA

Washed and dried dust-free quartz sand for various uses, such as sanding or preparing sand-cement mortars, etc...

PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Quartz sand
Hazard classification	Consult the technical and safety data sheets for more details
Grain size	0.1-0.4 mm
Storage	unlimited in a dry place

Packaging: 25 kg bags



Titecfuge TFb 554
Haftprimer S (HPS 673)
Fliesendämmplatte (FDP 558)
Epoxi Wasch (EAH 547)
Epoxi Entferner (ESE 548)
Sanitär Silicon

SOPRO PRODUCT LINE

HIGH-PERFORMANCE GROUTS AND SEALANTS - PRIMERS -
DETERGENTS - THERMO-ACOUSTIC INSULATION

08



TITECFUGE TFb 554

Fast-drying single-component cement-based grout based on special hydraulic binders and special additives with a high mechanical strength for joints 3 to 30 mm in width. Thanks to MIKRODUR® technology, TITECFUGE TFb 554 guarantees up to +250°C thermal resistance, almost no porosity, high resistance to bacterial aggression from mildew and moulds and a good resistance to diluted acids. TITECFUGE TFb 554 does not need to be mixed with latex: it is especially recommended for sealing the joints in swimming pools, industrial floors, terraces, external cladding, hotel kitchens, workshops, food industries, etc... Belongs to class CG2 WA according to EN 13888.



For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Fine cement-based powder
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	4.0 l of water per 25 kg bag of powder (17% in weight)
*Workability	≥ 40 min.
*Walk-over time	≥ 60 min.
*Fit for use	24 hours (48 hours in swimming pools)
Application temperature range	From +5°C to max. +30°C
Storage	12 months in the original closed packaging, in a dry place.

*Data obtained at +23°C and 50% relative humidity.

Product conforms to the specifications established by Reg. (CE) No. 1907/2006 (REACH) – Annex XVII, Item 47.

FINAL PERFORMANCE

Data given in conformity with standard EN 13888	Compressive strength (N/mm ²)	Flexural strength (N/mm ²)
After 24 hours	≥ 16.0	≥ 4.0
After 7 days	≥ 55.0	≥ 7.0
After 28 days	≥ 60.0	≥ 8.0

Consult the technical and safety data sheets for more details.

COVERAGE:

consult the table on page 136

Packaging: 25 kg bags

HAFTPRIMER S (HPS 673)

Solvent-free tackifying primer based on polymers in dispersion to use as a bonding layer on smooth, compact, non-absorbent substrates before laying ceramic tiles and natural stones with cement-based adhesives or applying plasters, smoothing products or levelling mortars.

Suitable substrates:

- Glazed ceramic, marble and natural stones, securely adhering rigid PVC and linoleum, smoothed concrete (and/or treated with epoxy paints), cold asphalt, residues of adhesives for parquet, carpeting, PVC, chipboard and plywood panels, well-fixed parquet (after being dewaxed through grinding).

Suitable for heated screeds. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Fluid paste
Hazard classification	Consult the technical and safety data sheets for more details
Application temperature range	From +10°C to +30°C
*Ceramics and natural stones with adhesives from the F.55 line	2 hours
*Application of plasters, smoothing products and levelling mortars	2/3 hours
Thermal resistance	From -30°C to +90°C
Storage	12 months in original packaging in a dry place

*Data obtained at +23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:

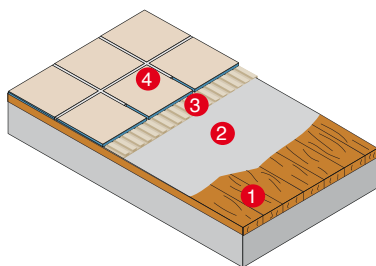
approx. 0.15-0.2 kg/m²

Packaging: 5 kg cans

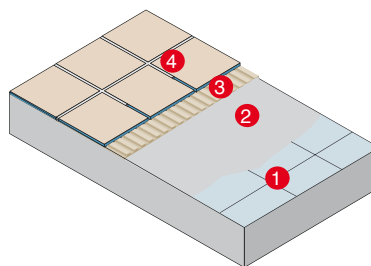


EXAMPLES OF APPLICATIONS

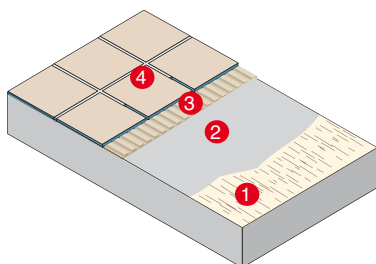
- A** Fixing tiles with cement-based adhesive on old wax-free parquet (1): application of HAFTPRIMER S (2), after 2/3 hours, laying of the new floor (4) with adhesive from the F.55 line (3).



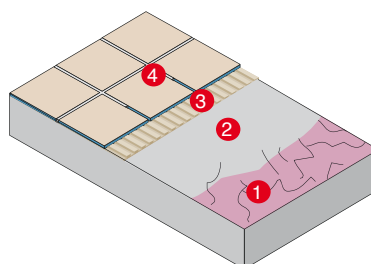
- C** Fixing tiles with cement-based adhesive on old well-bonded PVC (1): application of HAFTPRIMER S (2), after 2/3 hours, laying of the new floor (4) with adhesive from the F.55 line (3).



- B** Fixing tiles on well-bonded residues of old adhesives for carpeting, PVC, parquet etc... also two-component types (1): application of HAFTPRIMER S (2), after 2/3 hours, laying of the new floor (4) with cement-based adhesive from the F.55 line (3).



- D** Fixing tiles with cement-based adhesive on old epoxy paint (1): application of HAFTPRIMER S (2), after 2/3 hours, laying of the new floor (4) with adhesive from the F.55 line (3).



FLIESENDÄMMPLATTE (FDP 558)



Polyester fiber-based sheets for the thermo-acoustic insulation of substrates. Non-toxic. Free from formaldehyde. Available thickness: 4, 9 and 15 mm.

- **4 mm thick Fliesendämmplatte:** prevents the formation of thermo-acoustic bridging on a level with floor-wall joints, steps, stairs, columns, etc...
- **9 mm thick Fliesendämmplatte:** universal product for the thermo-acoustic insulation of floors and walls in general.
- **15 mm thick Fliesendämmplatte:** KOMFORT version sheets. Thermo-acoustic insulation of heavily damaged substrates and for all uses where high strength and sound-deadening properties are required.

For indoor floors and walls. For outdoors if used with F.72 ELASTOMALTA.
PROFESSIONAL USE.



TECHNICAL DATA

Appearance	Sheets of pressed polyester fibers		
Hazard classification	Consult the technical and safety data sheets for more details		
Thickness	4 mm	9 mm	15 mm
Slab size	100X60 cm	100X60 cm	100X60 cm
Weight	3.5 kg/m ²	6.3 kg/m ²	10.7 kg/m ²
Soundproofing	-	18 dB with tiles	20 dB with tiles
Thermal conductivity	-	0.06 W/mK	0.06 W/mK
Conductivity coefficient	-	6.2 W/m ² K	4.2 W/m ² K
Modulus of elasticity	213 N/mm ²	213 N/mm ²	213 N/mm ²
Coeff. of vapour diffusion	423 g/m ² d	218 g/m ² d	215 g/m ² d
Storage	unlimited in a dry place		

Consult the technical and safety data sheets for more details.

PACKAGING:

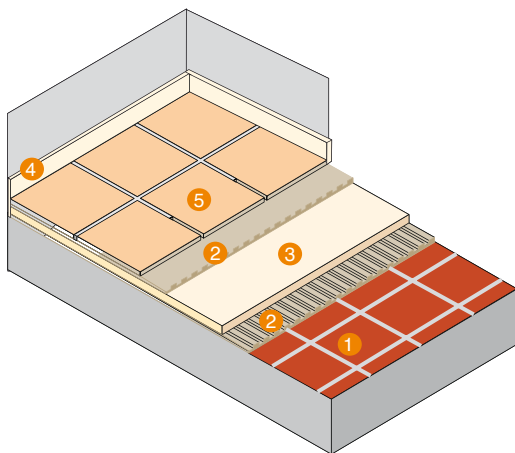
FDP 4 mm: boxes of 15 pcs. Equal to 9 m²
 FDP 9 mm: boxes of 10 pcs. Equal to 6 m²
 FDP 15 mm: boxes of 5 pcs. Equal to 3 m²

EXAMPLES OF USE

INSULATION OF INDOOR SURFACES

KEY:

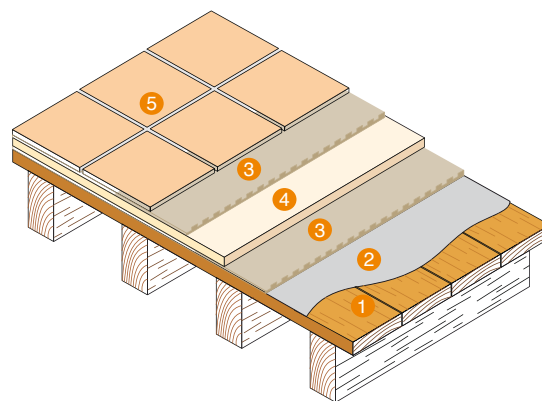
- 1- substrate (existing ceramic floor)
- 2- adhesive from the F.55 line
- 3- 9 mm thick FLIESENDÄMMPLATTE
- 4- 4 mm thick FLIESENDÄMMPLATTE
- 5- new floor surface



INSULATION ON EXISTING PARQUET FLOORS

KEY:

- 1- substrate (existing parquet floor)
- 2- HAFTPRIMER S
- 3- adhesive from the F.55 line
- 4- 9 mm thick FLIESENDÄMMPLATTE
- 5- new floor surface



EPOXI WASCH (EAH 547)

Specific, solvent-free additive to be added to the water used for cleaning epoxy sealants such as F.40 CERPOXY.

Makes it easier to clean ceramic surfaces and to smooth the joints. As well as to clean the equipment and mixer blades used for sealing/bonding ceramic tiles with epoxy-based products. Can be diluted with water. Does not corrode stainless steel parts (e.g. floor-wall gouges)

Suitable for:

- Sealing the joints in swimming pools, bathrooms, showers, terraces and places subject to permanent damp without the addition of latex.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Yellowish liquid
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	Approx. 50-100 ml per 10 liters of clean water
Application temperature range	From +5°C to +35°C
Weight density	1.0 kg/l
Storage	24 months in original packaging in a dry place PROTECT AGAINST FROST.

Consult the technical and safety data sheets for more details.

COVERAGE:

50-100 ml per 10 liters of clean water

Packaging: 1 liter bottles

EPOXI ENTFERNER (ESE 548)

Specifically formulated detergent for removing hardened residues from ceramic surfaces the joints of which have been grouted with two-component epoxy products. Does not damage existing epoxy grouts that have already completely hardened. Can be diluted with water. The product can be diluted with hot water if the residues are difficult to shift. A metal scraper can be used to help remove the residues.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Colourless liquid
Hazard classification	Consult the technical and safety data sheets for more details
Mixing ratio	Approx. 200-300 ml per 10 liters of clean water
Application temperature range	From +5°C to +35°C
Weight density	1.0 kg/l
Storage	24 months in original packaging in a dry place PROTECT AGAINST FROST.

Consult the technical and safety data sheets for more details.

COVERAGE:

200-300 ml per 10 liters of clean water

Packaging: 1 liter bottles



SANITÄR SILICON

Single-component anti-mould silicone sealant with acetic cross-linking in cartridge form for sealing perimeter and separation joints with permanent elasticity. U.V. resistant.

Especially recommended for use in hygiene-health fields (shower cubicles, swimming pools, permanently damp places, etc...), the ship-building industry, furnishings in cafeterias, shops, etc... Make sure that the surface is perfectly clean, dry and degreased before treating. Can be used as an adhesive for non-porous substrates, such as soap holders on glazed ceramic tiles for example.

For floors and walls. For indoor and outdoor use. PROFESSIONAL USE.

TECHNICAL DATA

Appearance	Viscous paste in various different colours.
Hazard classification	Consult the technical and safety data sheets for more details
*Time required to form a surface film	approx. 10 minutes
*Light walk-over time	after approx. 24 hours
*Fit for use	After 7 days
Maximum movement	25%
Application temperature range	From +5°C to +35°C
Thermal resistance	From -40°C to +180°C
Storage	24 months in original packaging in a dry place

*Data obtained at +23°C and 50% relative humidity.

Consult the technical and safety data sheets for more details.

COVERAGE:













consult the table on page 80

Packaging: 310 ml cartridges in boxes containing 12 pcs.



COLOUR CHART FOR CERCOL GROUTS

NAME OF CORRESPONDING SOPRO PRODUCTS

46 - SILVER		037 - 16 HELL GRAU
48 - MANHATTAN		051 - 15 GRAU
50 - GREY		038 - 14 BETONGRAU
55 - ANTHRACITE		060 - 66 ANTHRAZIT
60 - BLACK		061 - 90 SCHWARZ
70 - BAHAMA BEIGE		058 - 32 BEIGE
14 - LIGHT BEIGE		053 - 34 BAHAMA BEIGE
15 - BEIGE		057 - 38 CARAMEL
20 - HAZELNUT		065 - 52 BRAUN
65 - DARK BROWN		056 - 59 BALIBRAUN
10 - JASMIN		062 - 28 JASMIN
18 - TORTORA		08 - 18 SANDGRAU

The colours shown above are indicative.

GROUTING COVERAGE

Indicative coverage table for cement-based grouting (kg per sqm)
TITECFUGE TFb 554

Size	Thickness	Joint widths mm												
cm	mm	1	2	3	4	5	7	8	10	12	14	16	18	20
2x2	3	0,47	0,95	1,40	1,90	2,35	3,30	3,75	4,70	5,60	6,60	7,50	8,50	9,4
2,5x2,5	3	0,35	0,70	1,05	1,40	1,75	2,45	2,80	3,50	4,20	4,90	5,60	6,30	7,00
5x5	4	0,23	0,45	0,70	0,90	1,15	1,60	1,85	2,30	2,75	3,20	3,70	4,15	4,60
10x10	6	0,17	0,34	0,50	0,70	0,85	1,20	1,35	1,70	2,00	2,40	2,70	3,00	3,40
10x10	10	0,30	0,60	0,90	1,20	1,50	2,10	2,40	3,00	3,60	4,20	4,80	5,40	6,00
12,5x12,5	8	0,17	0,34	0,51	0,68	0,84	1,18	1,35	1,69	2,03	2,37	2,70	3,04	3,38
10x20	8	0,16	0,32	0,48	0,63	0,79	1,11	1,27	1,58	1,90	2,22	2,53	2,85	3,17
15x15	8	0,14	0,28	0,42	0,56	0,70	0,99	1,13	1,41	1,69	1,97	2,25	2,53	2,82
15x15	14	0,26	0,50	0,80	1,05	1,30	1,80	2,00	2,60	3,10	3,65	4,15	4,70	5,20
12,5x24,5	8	0,12	0,24	0,36	0,48	0,60	0,85	0,95	1,20	1,45	1,70	1,90	2,15	2,40
20x20	8	0,17	0,35	0,50	0,70	0,85	1,20	1,35	1,70	2,05	2,40	2,70	3,05	3,40
20x20	14	0,20	0,40	0,60	0,80	1,00	1,40	1,60	2,00	2,40	2,80	3,20	3,60	4,00
20x25	8	0,12	0,24	0,36	0,48	0,60	0,85	0,95	1,20	1,45	1,70	1,90	2,15	2,40
20x25	10	0,13	0,26	0,40	0,52	0,65	0,90	1,05	1,30	1,55	1,80	2,00	2,35	2,60
25x33	10	0,09	0,18	0,27	0,36	0,45	0,63	0,72	0,90	1,10	1,25	1,45	1,60	1,80
30x30	8	0,08	0,16	0,24	0,32	0,40	0,55	0,65	0,80	0,95	1,10	1,30	1,45	1,60
30x30	14	0,13	0,26	0,40	0,50	0,65	0,90	1,05	1,30	1,55	1,80	2,00	2,35	2,60
33x33	8	0,09	0,18	0,27	0,36	0,45	0,63	0,72	0,90	1,10	1,25	1,45	1,60	1,80
40x40	10	0,09	0,18	0,27	0,36	0,45	0,63	0,72	0,90	1,10	1,25	1,45	1,60	1,80
30x60	10	0,07	0,14	0,21	0,28	0,35	0,49	0,55	0,70	0,85	1,00	1,10	1,25	1,40
60x60	10	0,07	0,14	0,21	0,28	0,35	0,49	0,55	0,70	0,85	1,00	1,10	1,25	1,40
90x90	12	0,05	0,10	0,15	0,20	0,25	0,35	0,40	0,50	0,60	0,70	0,80	0,90	1,00

COLOURS

TITECFUGE TFb 554



50 Grigio - Grey

The colours shown above are indicative.

F.39	Profilcer
F.39	Angolare
F.47	Neopolcer
F.92	Expansion joint for adhesive
F.93	Expansion joint for mortar
F.94	Joint
F.94	Reggetta
F.92	Serie A2
F.92	Serie B1
F.92	Serie HDE
F.95	Shims
F.96	Spacers
F.97	Various items
F.37	Bubble-breaker roller
F.91 1/12	Trowels and darbies

ACCESSORIES

Profiles for ceramic tiles . Expansion and structural joints . Spacers . Laying tools

09



F.39 PROFILCER - F.39 ANGOLARE

PVC profiles for ceramic tiles. Replace the special pieces in corners, protecting the tiles against accidental impact.

PROFESSIONAL USE.

TECHNICAL DATA

TYPE	AVAILABLE SIZES	PACKAGING
F.39 White	8 mm	101.4 m rolls
F.39 Grey / White	10 mm	101.4 m rolls
F.39 Corner	9 mm	50 m rolls
F.39 Inner corner		Single pieces
F.39 Outer corner		Single pieces



F.47 NEOPOLCER

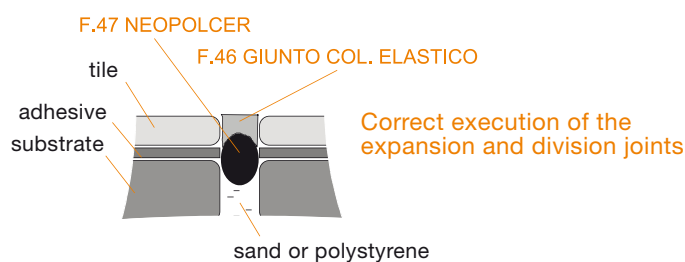
Highly elastic and compressible neopolene ropes, completely proof against mildew, moulds and bacteria. Available in different diameters for filling expansion joints to be subsequently sealed with F.35 SILICONE NEUTRO, F.31 SIL. ACETICO, F.46 GIUNTO COL. ELASTICO.

For indoor and outdoor use.

PROFESSIONAL USE.

TECHNICAL DATA

DIAMETER (mm)	PACKAGING
10	550 m rolls
15	550 m rolls
20	350 m rolls



F.92 JOINT FOR ADHESIVE - F.93 JOINT FOR MORTAR

Expansion joints made of rigid PVC sections with a compressible core made of elastomeric material. Allow floor cladding to be fixed on large surfaces without structural shrinkage or thermal expansion that could cause the cladding to detach.

PROFESSIONAL USE.

TECHNICAL DATA

Calculation example for determining the linear meters required for 1000 m² of floor area.

For 3x3 meter squares: 3x3 meters =9 sqm (square area)

3+3 meters= 6 meters (semiperimeter) m² 1000:9= 111x6= 666 linear meters of joint

TYPE	AVAILABLE SIZES	PACKAGING
F.92	9x8 mm	100 m lengths
F.92	12x8 mm	100 m lengths
F.92	14x8 mm	100 m lengths
F.92	7x8 mm	100 m lengths
F.93	23x8 mm	100 m lengths
F.93	31x8 mm	100 m lengths
F.93	43x8 mm (double)	100 m lengths



F.94 JOINT - F.94 REGGETTA

Brass expansion joint to be fitted between ceramic tiles or natural stones.

F.94 REGGETTA bonds to the mortar used to lay tiles and natural stones. Poorly compressible, its main purpose is to achieve an attractive finish for the joints between floor cladding of different types.

PROFESSIONAL USE.

TECHNICAL DATA

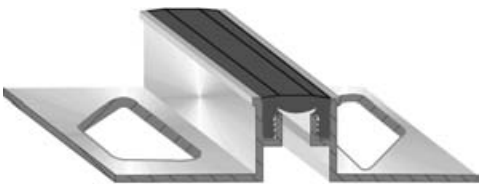
TYPE	AVAILABLE SIZES	PACKAGING
F.94 REGGETTA	10x4 mm	51.3 meter lengths
F.94 REGGETTA	25x5 mm	54 meter lengths
F.94 JOINT	10x10 mm	51 meter lengths
F.94 JOINT	20x10 mm	48 meter lengths
F.94 JOINT (MORTAR)	40x10 mm	51 meter lengths



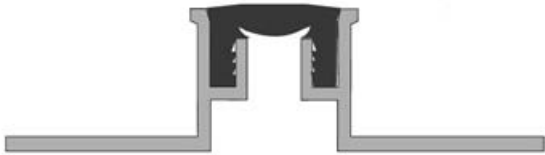
F.92 A2-1610 A2-1612 A2-1615

Joints for re-casting in aluminium for ceramic or natural stone floors.

Ideal for laying floors with the use of adhesive. The special pattern and thickness of the profile provide a high resistance to incidental loads. Withstands traffic from transpallets and/or lift trucks.



JOINT SECTION



ALUMINIUM	H 10 mm	H 12.5 mm	H 15 mm
-----------	---------	-----------	---------

Available colours:	aluminium
Seal:	grey, black on request
Packaging:	2.7 m bars

F.92 B1-40/50 and B1-40/18

Structural joints

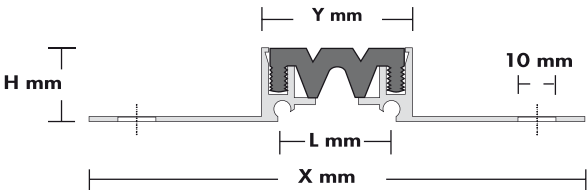
Structural joint for ceramic or natural stone floors.
 Since the part that rests upon the substrate is perforated, this aluminium structure allows the joint to be correctly positioned and mechanically fixed to the substrate itself. The interchangeable elastic seal made of Dutral (EPDM) ensures that the joint is able to make the proper expansion and contraction movement. The seal can be supplied in up to 25 m rolls. Standard bar length: 4.00 m. Seal colour: black, grey. Plugs included.

MATERIAL	Aluminium structure (with diam. 10 mm holes). Seal in Dutral (withstands the weather conditions and temperature variations from -30°C to+90°C).
BEARING CAPACITY	Able to bear the weight of vehicles with up to 700 kg wheel loads, trucks with an overall weight of up to 3500 kg with up to 1000 kg wheel loads, light lift trucks and wheel stretchers.
ASSEMBLY	The joint is assembled with 7 plugs per linear meter (1 every 30 cm), which should be fitted in an alternate way on the sides of the profile.

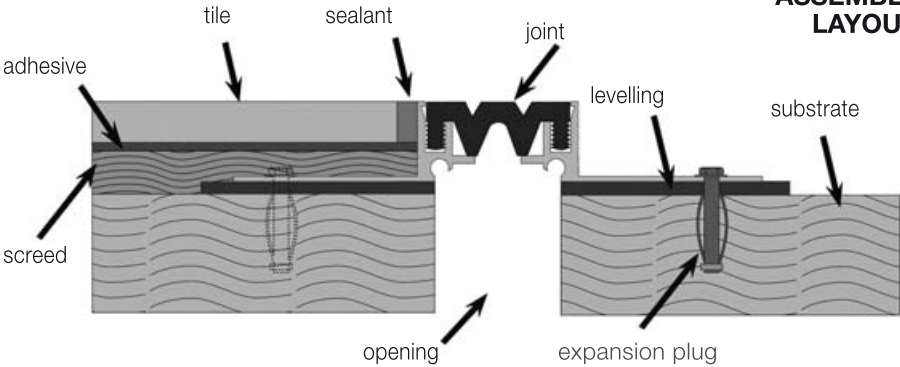
ART.	L mm *	H mm *	Y mm *	X mm *	MOV. mm
B1-40/18	35	18	42	135	+/- 7
B1-40/50	35	50	42	137	+/- 7
*tolerance +/- 2mm					



JOINT SECTION



ASSEMBLY LAYOUT



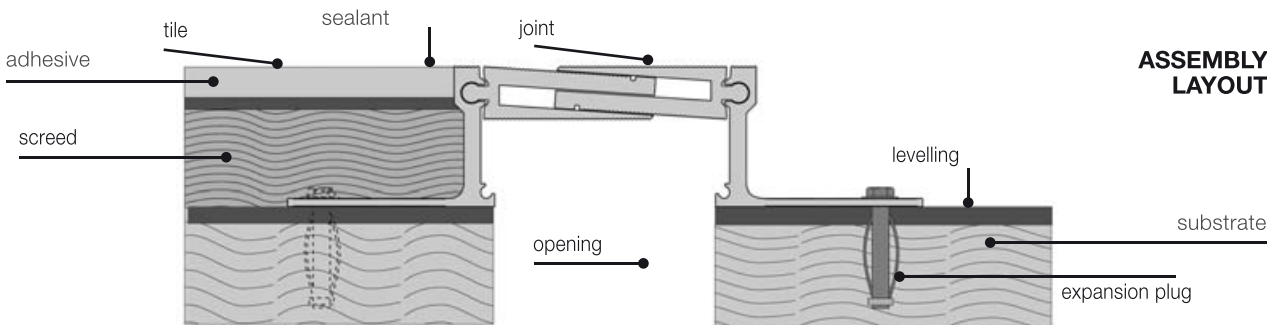
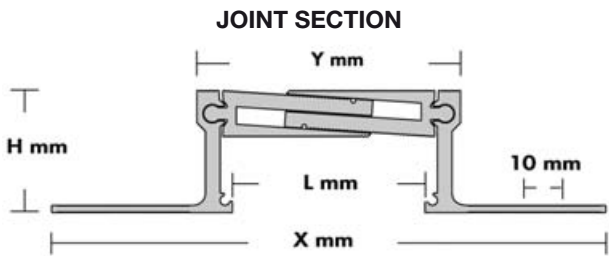
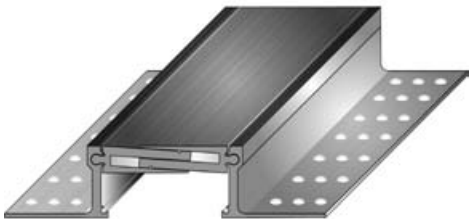
F.92 HDE-80/18 and HDE-80/50

Structural joints for ceramic or natural stone floors.

Since the part that rests upon the substrate is perforated, this aluminium structure allows the joint to be correctly positioned and mechanically fixed to the substrate itself. The special pattern and thickness of the profiles provide a high resistance to incidental loads as well as full mobility in the three directions. Standard bar length: 4.00 m plugs included.

MATERIAL	Aluminium structure (with diam. 10 mm holes).
BEARING CAPACITY	Suitable for the transit of lift trucks with tyred wheels, transpallets up to an overall load of 7.5 kg/mm ³ (with 10x10 wheel surface).
ASSEMBLY	The joint is supplied already assembled with aluminium shanks that must only be removed after the actual joint has been positioned and fixed. The joint is assembled with plugs or chemical substances, using 7 plugs per linear meter (1 every 30 cm), which should be fitted in an alternate, staggered way on the sides of the profile.

ART.	L mm *	H mm *	Y mm *	X mm *	MOV. mm
HDE 80/18	60	18	80	195	+/- 15 horiz. +/- 6 vert.
HDE 80/50	60	50	80	195	+/- 15 horiz. +/- 6 vert.
*tolerance +/- 2mm					



F.95 SHIMS - F.96 SPACERS

Plastic spacers and shims used for maintaining the same joint width with the open joint laying method.

PROFESSIONAL USE.



TECHNICAL DATA

TYPE	AVAILABLE SIZES	PACKAGING
+	2-3-4-5-7 mm	Packets with 1000 pcs.
T	2-3-4-5-7 mm	Packets with 1000 pcs.
+	10 mm	Packets with 500 pcs.
T	10 mm	Packets with 500 pcs.
Y	3 mm	Packets with 1000 pcs.
Shims		Packets with 1000 pcs.

Spacer coverage table (number of pieces per sqm)													
Tile format (cm)													
Spacer type	10x10	15x15	10x20	20x20	12x24	25x25	20x30	30x30	33x33	20x40	30x40	40x40	30x60
+	100	45	50	25	35	16	17	11	9	12	9	7	6
T	200	90	100	50	70	32	34	22	18	24	18	14	12

F.97 VARIOUS ITEMS

Stainless steel mixers for mortars and adhesives in two different shapes.

PROFESSIONAL USE.

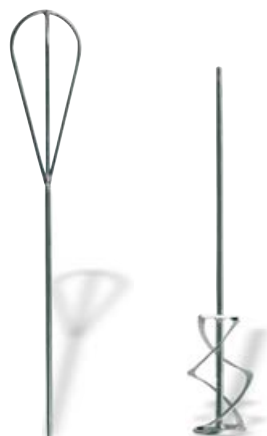
TECHNICAL DATA

TYPE

F.97/1/2 Drill mixers

PACKAGING

Boxes of 10 pcs.



F.37 BUBBLE-BREAKER ROLLER

Special bubble-breaker roller that makes the self-levelling mortars of the F.77 range easier to apply.

PROFESSIONAL USE.

Packaging: Units of 1 piece.



F.91 1/12 TROWELS AND DARBIES

Trowels for cement-based adhesives, rubber trowels for grouting, darbies for cleaning grouts.

PROFESSIONAL USE.

TECHNICAL DATA

TYPE	AVAILABLE SIZES	PACKAGING
F.91/2 Trowel 28x12 cm	3.5/6/8/10 mm	12-piece boxes
F.91/3 Trowel 28x12 cm	15 mm	12-piece boxes
F.91/4 Trowel 48x12 cm	10 mm	12-piece boxes
F.91/5 Smooth steel darby		12-piece boxes
F.91/8 Rubber trowel	28 cm	12-piece boxes
F.91/9 Sponge darby		12-piece boxes
F.91/10 Darby with felt		12-piece boxes
F.91/11 D Felt for darbies		10-piece boxes
F.91/11 T Felt for darbies		10-piece boxes
F.91/12 Ecodarby with sponge		12-piece boxes



notes

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