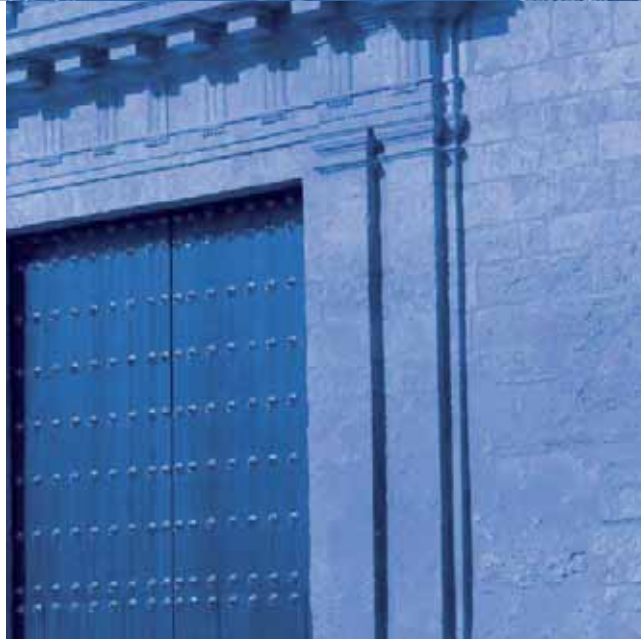


general  
catalogue



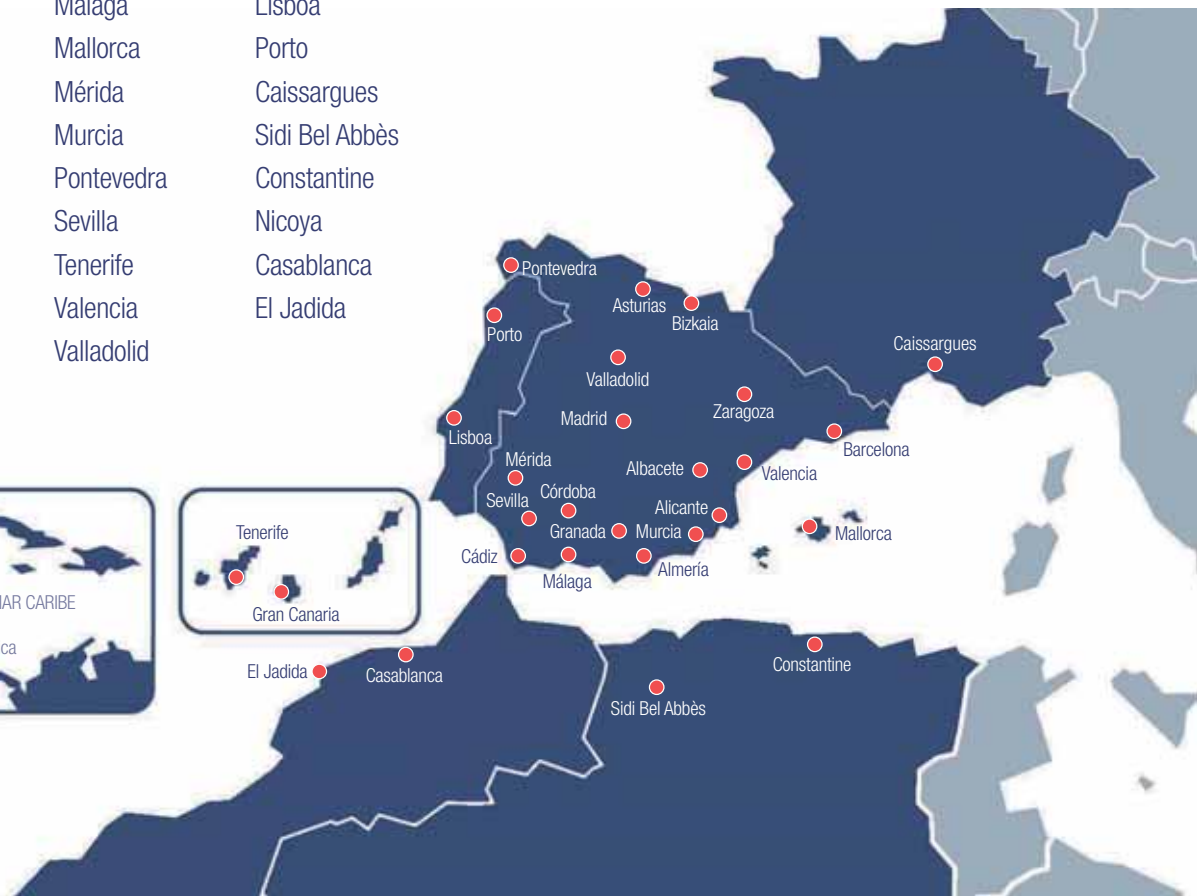
Grupo Puma is a leading company in the construction sector integrated by 28 production and distribution centers located throughout Spain, Portugal, France, Costa Rica, Morocco and Algeria. An organization that uses selected raw materials and the newest technology to manufacture products of the highest quality at competitive prices.

We offer an extensive range of products that covers multiple areas of the construction sector: tile adhesives, ceramic tile grouts, one-coat mortars, coating mortars, special mortars, flooring mortars, additives, primers, paint, and insulation and waterproofing systems.


















These products and systems are the result of a team of researchers that works day after day to develop new methods and formulas to improve their inherent properties, minimize the cost, reduce the environmental impact, and enable easier application. All of them are laboratory-tested and subjected to a rigorous quality control process that has earned the most prestigious certificates and approvals both nationally and internationally. This exceptional quality, together with our competitive prices, enables Grupo Puma to export to over 40 countries around the world.

At national level, wide coverage and significant manufacturing flexibility ensure fast and dynamic distribution to anywhere in the country. With a network of highly qualified salespeople, Grupo Puma offers genuine technical support to professionals. This service is complemented by an ongoing training program that makes it possible to acquire all the necessary knowledge and documentation to stay informed regarding the latest developments.

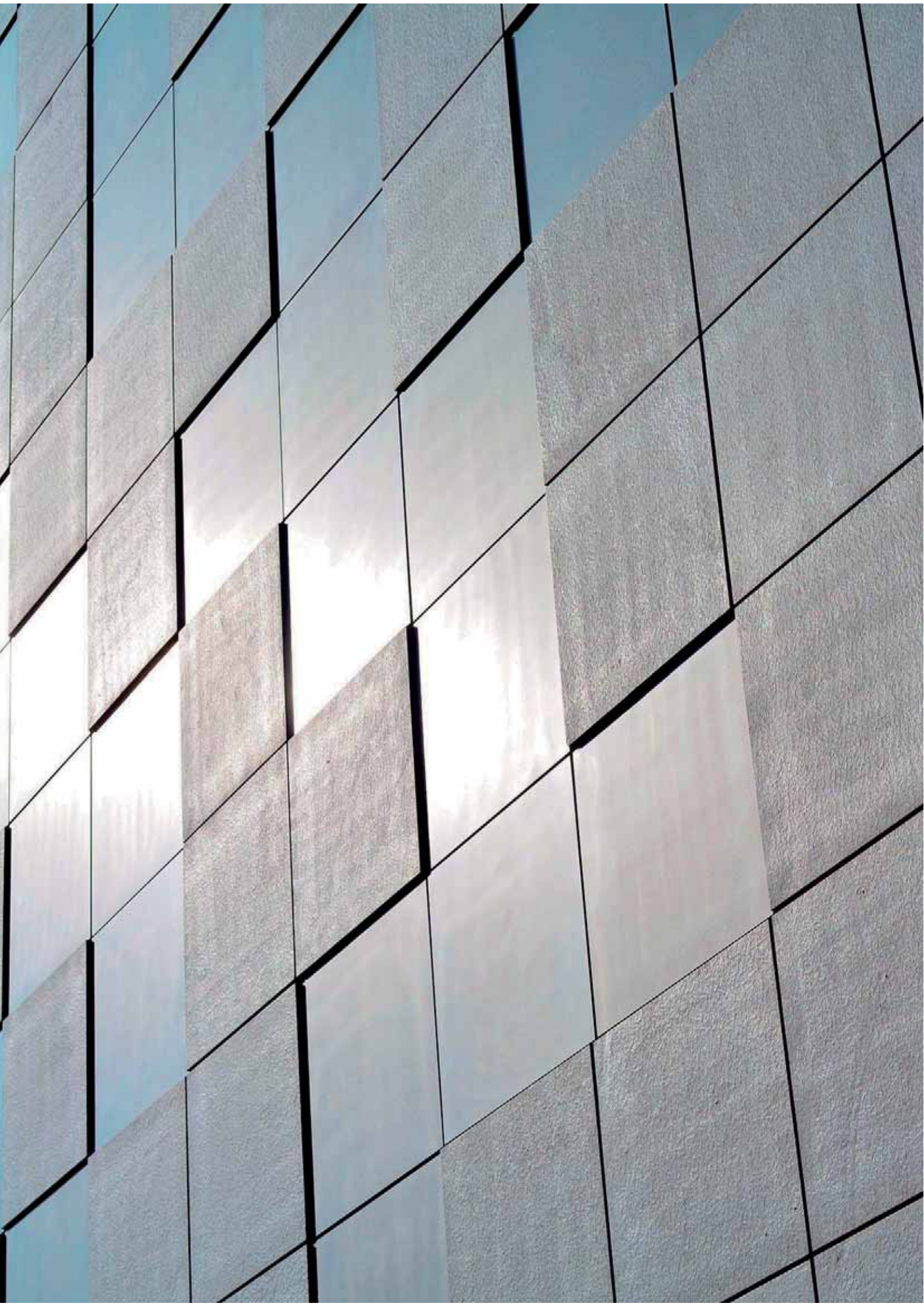
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| Albacete     | Madrid     | Zaragoza       |
| Alicante     | Málaga     | Lisboa         |
| Almeria      | Mallorca   | Porto          |
| Asturias     | Mérida     | Caissargues    |
| Barcelona    | Murcia     | Sidi Bel Abbès |
| Bizkaia      | Pontevedra | Constantine    |
| Cádiz        | Sevilla    | Nicoya         |
| Córdoba      | Tenerife   | Casablanca     |
| Gran Canaria | Valencia   | El Jadida      |
| Granada      | Valladolid |                |





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# TILE ADHESIVES

## REACTION RESIN ADHESIVES

### ADHESIVES R2

Pegoland Elastic R2T

## CEMENT-BASED ADHESIVES

### PROFESSIONAL LINE ADHESIVES

Pegoland Profesional Flex Elite C2 TE S2

Pegoland Profesional Flex C2 TE S1

Pegoland Profesional C1 TE

### ADHESIVES C2

Pegoland Flex Record C2 TE S2

Pegoland Fast Flex C2 FTE S1

Pegoland Fast Fluido C2 FE

Pegoland Flex C2 TE S1

Pegoland Porcelánico Flexible C2 TE

Pegoland Dos Porcelánico C2 TE

### ADHESIVES C1

Pegoland Porcelánico Yeso C1 TE

Pegoland Porcelánico C1 TE

Pegoland Especial C1 TE

Pegoland Plus C1 T

Pegoland Uno C1

### ADHESIVES CE

Pegoland Especial Yeso CE

Pegoland CE

Pegacol CE

Puma CE

Tradisol C1

Tradicol Exteriores C1 T

Tradicol Especial Yeso CE

Tradicol CE

Stikland

## TRADITIONAL APPLICATION ADHESIVES

Tradisol C1

Tradicol Exteriores C1 T

Tradicol Especial Yeso CE

Tradicol CE

Stikland

## DISPERSION ADHESIVES

### ADHESIVES D2

Pegoland Fix Plus D2

### ADHESIVES D1

Pegoland Fix D1

## Standards for adhesives

## Standards for cementitious adhesives: UNE EN-12004

According to European Standard EN-12004, the following can be defined:

- Different types of adhesives according to the chemical composition of the binders
- Specific characteristics depending on the application properties and initial performance

## Types of Adhesives

Type	
C	Cement-Based adhesives
D	Dispersion adhesives
R	Reaction resin adhesives

## Classes of Adhesives

Class	
1	Normal adhesive
2	Improved adhesive
F	Fast-setting adhesive
T	Adhesive with reduced slip
E	Adhesive with extended open time
S1	Deformable adhesive
S2	Highly deformable adhesive

## Classification of Grupo Puma's adhesives

Type	Class	Cementitious adhesive
C	TE S2	Pegoland Profesional Élite
C	TE S1	Pegoland Profesional Flex
C	1	Pegoland Profesional
C	2 TE S2	Pegoland Flex Record
C	2 FTE S1	Pegoland Fast Flex
C	2 FE	Pegoland Fast Fluido
C	2 TE S1	Pegoland Flex
C	2 TE	Pegoland Porcelánico Flexible
C	2 TE	Pegoland Dos Porcelánico
C	1 TE	Pegoland Porcelánico Yeso
C	1 TE	Pegoland Porcelánico
C	1 TE	Pegoland Especial
C	1 T	Pegoland Plus
C	1	Pegoland Uno
C	E	Pegoland Especial Yeso
C	E	Pegoland
C	E	Pegacol
C	E	Puma
C	1	Tradisol
C	1 T	Tradicol Exteriores
C	E	Tradicol Especial Yeso
C	E	Tradicol
R	2 TE	Pegoland Elastic
D	2	Pegoland Fix Plus
D	1	Pegoland Fix Stickland

# NEW PEGOLAND PROFESIONAL



A masterpiece

More whiteness | More finesse | More workability | More creaminess  
More open time | Better thixotropy | New 20 kg format

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# Cement-based adhesives

## PROFESSIONAL LINE ADHESIVES



### PEGOLAND® PROFESIONAL FLEX ÉLITE C2 TE S2

Cement-based adhesive with mixed binders. With technology Tecno Adapt.

**Characteristics:**

Monocomponent cement-based adhesive with mixed binders with excellent workability and great whiteness, endowed with high flexibility, high adhesion, with reduced slip and extended open time, for the placement of pavements and interior and exterior coatings. Especially recommended for the placement of facades, large surface pavements and underfloor heating systems. Suitable for gypsum or anhydrite substrates and very demanding applications.



Yield:  
± 4 kg/m<sup>2</sup>

Packaging 20 kg bag  
Colors Extrawhite



### PEGOLAND® PROFESIONAL FLEX C2 TE S1

Cement-based adhesive with mixed binders. With technology Tecno Adapt.

**Characteristics:**

Cement-based adhesive with mixed binders with excellent workability and great whiteness, endowed with high flexibility, high adhesion, with reduced slip and extended open time, for the placement of pavements and interior and exterior coatings. Especially recommended for the placement of facades, large surface pavements and underfloor heating systems. Suitable for gypsum or anhydrite substrates.



Yield:  
± 4 kg/m<sup>2</sup>

Packaging 20 kg bag  
Colors Extrawhite



### PEGOLAND® PROFESIONAL C1 TE

Cement-based adhesive with mixed binders. With technology Tecno Adapt.

**Characteristics:**

Cement-based adhesive with mixed binders with excellent workability and great whiteness, endowed with high flexibility, high adhesion, with reduced slip and extended open time, for the placement of interior and exterior pavements and interior coatings. Especially recommended for the installation of all types of ceramics on plasterboard partitions and suitable for gypsum or anhydrite substrates.



Yield:  
± 4 kg/m<sup>2</sup>

Packaging 20 kg bag  
Colors Extrawhite



PEGOLAND PROFESSIONAL FLEX C2 TE S1

PEGOLAND PROFESSIONAL FLEX ÉLITE C2 TE S2

PEGOLAND PROFESSIONAL C1 TE



More whiteness. More finesse. More workability.  
More creaminess. More open time. Better thixotropy.  
New 20 kg format.

**More comfort for the professional**

## Reaction resin adhesives

## ADHESIVES R2

**PEGOLAND® ELASTIC R2T**

Bicomponent reactive adhesive.

**Characteristics:**

Improved white bicomponent reactive adhesive, no vertical sliding, ideal for ceramic tiles, mosaics, natural stones and resin conglomerates. Polyfunctional adhesive suitable for tiling in non-traditional supports such as metal, fiberglass, PVC or linoleum.

Yield:  
According to use

Packaging 10 kg bucket  
Colors White



## Cement-based adhesives

## ADHESIVES C2

**PEGOLAND® FLEX RECORD C2 TE S2**

High-performance, two-component cement-based adhesive for demanding applications.

**Characteristics:**

Especially recommended for installing large format tiles and stones on large surface areas (façades and floors). Can bond any type of ceramic tile, both interior and exterior. Suitable for façades. No vertical slip, excellent initial adhesion, highly deformable.

Yield:  
± 5 kg/m<sup>2</sup>

Packaging 25.2 kg bucket (powder 20 kg + resin 5.2 kg)  
Colors White

**PEGOLAND® FAST FLEX C2 FTE S1**

Cementitious adhesive with mixed bonding agents, fast hardening and drying properties.

**Characteristics:**

Cementitious adhesive made of mixed bonding agents, fast hardening and drying properties, with reduced slippage. Suitable for indoor and outdoor cladding on floors and walls. Once hard, does not contain soluble salts that stain the stones or cause efflorescence to exterior facings. Especially suitable for tiling façades, large areas of flooring, floors with underfloor heating and whenever a fast turnaround time is required. It permits bonding all types of ceramic tiles or elements with similar characteristics.

Yield:  
± 4 kg/m<sup>2</sup>

Packaging 25 kg bag  
Colors Grey

**PEGOLAND® FAST FLUIDO C2 FE**

Fast-setting, fluid cement-based adhesive.

**Characteristics:**

For interior and exterior floors tile installation. Suitable for bonding any type of ceramic tile, covering large surface areas, floors with heavy traffic and underfloor heating. Recommended for large format tiles and stones. Fluid product that offers excellent coverage and initial adhesion strength.

Yield:  
± 4 kg/m<sup>2</sup>

Packaging 25 kg bag  
Colors Grey

**PEGOLAND® FLEX C2 TE S1**

Deformable, cement-based adhesive with mixed binders.

**Characteristics:**

For interior and exterior floors and walls tile installation. Especially recommended for covering façades, installing flooring on large surface areas with heavy traffic and floors with underfloor heating systems. For bonding all types of ceramic tiles, especially large format tiles. Suitable for drywall or plasterboard interiors.

Yield:  
± 4 kg/m<sup>2</sup>

Packaging 5 and 25 kg bag  
Colors White/Grey



## Cement-based adhesives

**PEGOLAND® PORCELÁNICO FLEXIBLE C2 TE**

Cement-based adhesive with mixed binders.

**Characteristics:** For interior and exterior floors, interior tilewalls, and skirting board (baseboard) tile installation. Especially recommended for installing rectified tiles and new flooring over old ceramic tile floors. For bonding all types of ceramic tiles, marble, and granite stone. Suitable for drywall and plasterboard interiors.

Yield:  
± 4 kg/m<sup>2</sup>

Packaging 25 kg bag  
Colors White / Grey

**PEGOLAND® DOS PORCELÁNICO C2 TE**

Cement-based adhesive with mixed binders.

**Characteristics:** For interior and exterior floors, interior walls, and skirting board (baseboard) tile installation. Recommended for bonding all types of ceramic tiles, porcelain stoneware, marble, and granite stone.

Yield:  
± 4 kg/m<sup>2</sup>

Packaging 25 kg bag  
Colors White / Grey

**ADHESIVES C1****PEGOLAND® PORCELÁNICO YESO C1 TE**

Cement-based adhesive with mixed binders recommended for plaster or anhydrite surfaces.

**Characteristics:** For interior walls and floors tile installation. Especially recommended for plaster or anhydrite surfaces. Ensures adhesion of ceramic tiles with a low absorption rate, such as porcelain stoneware.

Yield:  
± 4 kg/m<sup>2</sup>

Packaging 25 kg bag  
Colors White

**PEGOLAND® PORCELÁNICO C1 TE**

Cement-based adhesive with mixed binders.

**Characteristics:** For interior and exterior floors and interior walls tile installation. For bonding all types of ceramic tiles. Ensures adhesion and correct setting with low-porosity materials, such as porcelain stoneware. Suitable for drywall or plasterboard surfaces.

Yield:  
± 4 kg/m<sup>2</sup>

Packaging 25 kg bag  
Colors White / Grey

**PEGOLAND® ESPECIAL C1 TE**

High-performance cement-based adhesive.

**Characteristics:** For interior floors and walls and exterior floors tile installation. Especially recommended for tiling swimming-pools with vitreous mosaic tiles and interior tiling on drywall or plasterboard. Suitable for bonding ceramic tiles with a medium to high absorption rate, marble, mosaic tiles, and glass paste. Resistant to humidity.

Yield:  
± 4 kg/m<sup>2</sup>

Packaging 25 kg bag  
Colors White / Grey

**PEGOLAND® PLUS C1 T**

High-performance cement-based adhesive.

**Characteristics:** For interior and exterior floors, indoor walls, and skirting board (baseboard) tile installation. For bonding ceramic tiles with a medium to high absorption rate. Creamy texture for easy application.

Yield:  
± 4 kg/m<sup>2</sup>

Packaging 25 kg bag  
Colors White / Grey



## Cement-based adhesives

**PEGOLAND® UNO C1**

Cement-based adhesive.

**Characteristics:**

For interior and exterior floors and interior tile installation. For bonding ceramic tiles with a medium to high absorption rate.

Yield:  
± 4 kg/m<sup>2</sup>

Packaging 25 kg bag  
Colors White / Grey

**ADHESIVES CE****PEGOLAND® ESPECIAL YESO CE**

Cement-based adhesive for gypsum plaster.

**Characteristics:**

For interior walls tile installation. Especially recommended for installing tiles on plaster surfaces. Ensures adhesion of ceramic tiles with a medium to high absorption rate.

Yield:  
± 4 kg/m<sup>2</sup>

Packaging 25 kg bag  
Colors White

**PEGOLAND® CE**

Conventional cement-based adhesive.

**Characteristics:**

For interior walls and floors tile installation. For bonding ceramic tiles with a medium to high absorption rate. Exceptional fineness, plasticity, and vertical slip resistance.

Yield:  
± 4 kg/m<sup>2</sup>

Packaging 25 kg bag  
Colors White / Grey

**PEGACOL® CE**

Conventional cement-based adhesive.

**Characteristics:**

For interior walls and floors tile installation. For bonding ceramic tiles with a medium to high absorption rate. Exceptional fineness, plasticity, and vertical slip resistance.

Yield:  
± 4 kg/m<sup>2</sup>

Packaging 25 kg bag  
Colors White / Grey

**PUMA CE**

Conventional cement-based adhesive.

**Characteristics:**

For interior walls and floors tile installation. For bonding ceramic tiles with a medium to high absorption rate. Exceptional fineness, plasticity and vertical slip resistance.

Yield:  
± 4 kg/m<sup>2</sup>

Packaging 20 kg bag  
Colors White



# Traditional application adhesives



## TRADISOL® C1

Powder adhesive with mixed binders.

**Characteristics:**

For interior and exterior floors tile installation on fresh traditional mortar. For installing marble, terrazzo, and any type of ceramic tile or stone. Apply using a slip or by sprinkling the powder. Ensures adhesion and correct setting with low-porosity materials, such as porcelain stoneware.

**Yield:**  
barbotina:  $\pm 2.5 \text{ kg/m}^2$ ; sprinkling:  $\pm 1.5 \text{ kg/m}^2$

**Packaging** 25 kg bag  
**Colors** White



## TRADICOL® EXTERIORES C1 T

Special cement-based adhesive with additives.

**Characteristics:**

For interior and exterior use. For installing tiles using a thick coat directly on brick walls without a previous rendering and on uneven floors. Especially recommended for installing porcelain flooring in new construction projects. Ensures adhesion of all types of ceramic tile, marble, and natural stone. Requires fewer materials and labor.

**Yield:**  
 $\pm 15 \text{ kg/m}^2$  for an average thickness of 1 cm (allows for 0.5 to 2 cm)

**Packaging** 25 kg bag  
**Colors** White



## TRADICOL® ESPECIAL YESO CE

Special cement-based adhesive with additives for tiling on plaster.

**Characteristics:**

No vertical slip. For interior walls tile installation projects using a thick coat; especially recommended for tiling on plaster surfaces and big-size bricks. For bonding ceramic tiles with a medium to high absorption rate.

**Yield:**  
 $\pm 15 \text{ kg/m}^2$  for an average thickness of 1 cm (allows for 0.5 to 2 cm)

**Packaging** 25 kg bag  
**Colors** White



## TRADICOL® CE

Special cement-based adhesive with additives.

**Characteristics:**

Interior use. For installing tiles using a thick coat directly on brick walls without a previous rendering and on uneven floors. For bonding ceramic tiles with a medium to high absorption rate. For installing tiles in the traditional way, without wetting the tiles or surfaces.

**Yield:**  
 $\pm 15 \text{ kg/m}^2$  for an average thickness of 1 cm (allows for 0.5 to 2 cm)

**Packaging** 25 kg bag  
**Colors** White / Grey



## STIKLAND®

Cement with additives for traditional tiling.

**Characteristics:**

Interior use. When mixed with the appropriate sand, it yields a mortar with excellent properties. For installing tiles using a thick coat directly on brick walls without a previous rendering and on uneven floors. For bonding ceramic tiles with a medium to high absorption rate. For installing tiles in the traditional way, without wetting the tiles or surfaces.

**Yield:**  
 $\pm 4 \text{ kg/m}^2$  for an average thickness of 1 cm (allows for 0.5 to 2 cm)

**Packaging** 25 kg bag  
**Colors** Grey



## Dispersion adhesives

## ADHESIVES D2



## PEGOLAND® FIX PLUS D2

Dispersion adhesive for exteriors.

**Characteristics:**

For interior and exterior walls tile installation on vertical and deformable surfaces. Recommended for tiling on drywall or plasterboard and dry plaster material. Suitable for installing insulation panels on top of exterior rendered or tiled walls. For use on top of pre-existing tile. Ready to use without adding water. Very flexible.

Yield:  
± 2-3 kg/m<sup>2</sup>

Packaging 2, 6 and 25 kg buckets  
Colors White



## ADHESIVES D1



## PEGOLAND® FIX D1

Dispersion adhesive for interiors.

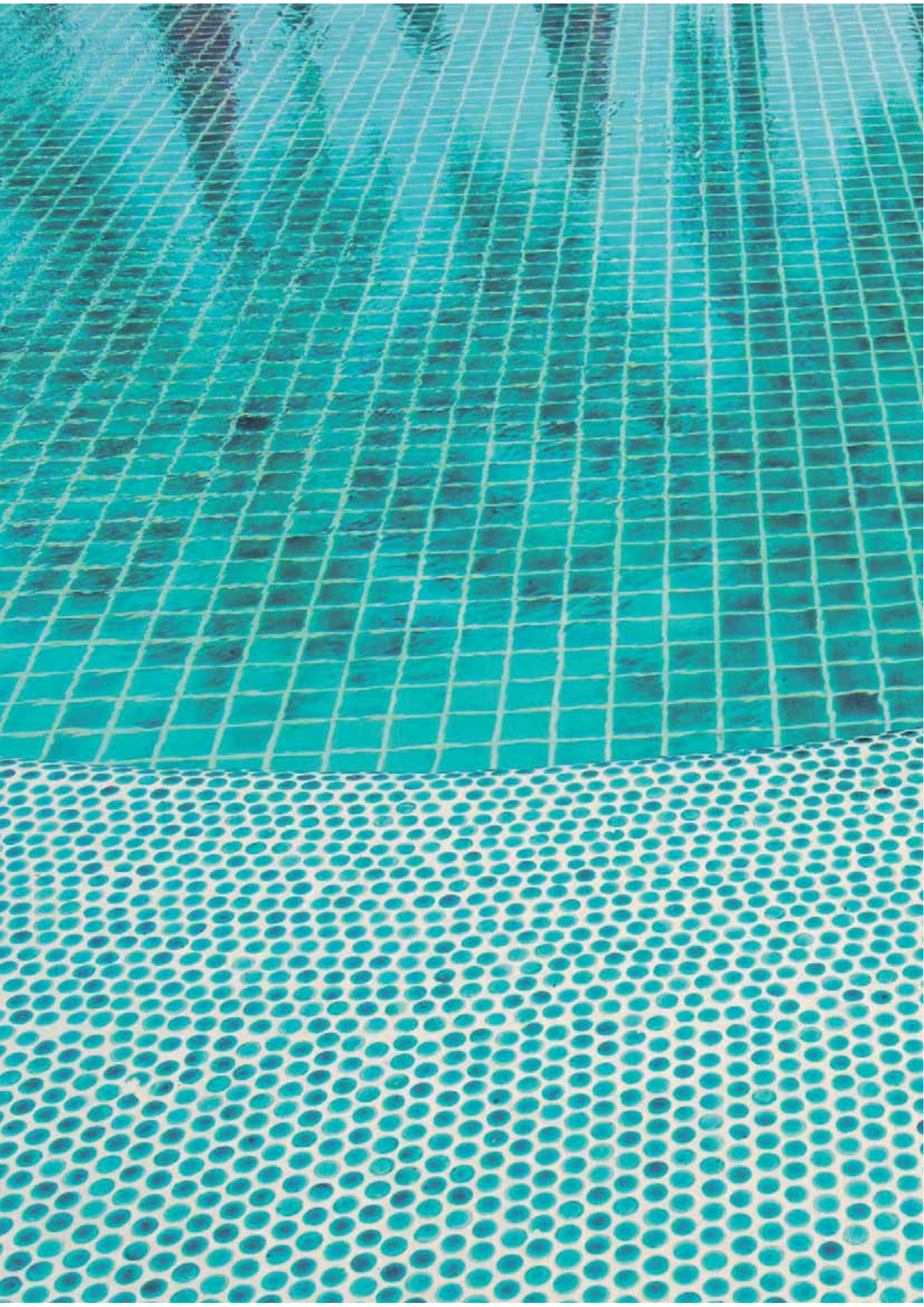
**Characteristics:**

For interior walls tile installation. For bonding all types of ceramic tiles and similar products. Especially recommended for tiling on drywall or plasterboard and installing polystyrene boards on top of mortar. Suitable for bonding insulation panels and tiling on dry plaster and painted surfaces in good condition. For bonding displays on to wood surfaces and old tile.

Yield:  
± 2-3 kg/m<sup>2</sup>

Packaging 2, 6 and 25 kg buckets  
Colors White





# GROUTING MORTARS

## EPOXY GROUTS

Morcemcolor Epoxi RG/R2T

## CEMENTITIOUS GROUTS

Morcemcolor Plus Flexible CG2 A W  
Morcemcolor Extra Fina CG2 A W  
Morcemcolor Junta Universal CG2 A W  
Morcem Lechada



# Standards for grouts

## Standards for ceramic tile grout: UNE EN-13888

According to European Standard EN-13888, the following can be defined:

- Different types of grout depending on the chemical composition of their binders
- Specific characteristics in terms of application properties and final performance

### Type of grout

#### Type

CG	Cementitious grout
RG	Reaction resin grout

### Specific characteristics

#### Class

CG1	Normal cementitious grout	
CG2	Improved cementitious grout	
CG2 A	A High abrasion resistance:	$\leq 1000 \text{ mm}^3$
CG2 W	W Reduced water absorption:	30 min $\leq 2 \text{ g}$ - 240 min $\leq 5 \text{ g}$
CG2 A W	A W High abrasion resistance:	$\leq 1000 \text{ mm}^3$
	Reduced water absorption:	30 min $\leq 2 \text{ g}$ - 240 min $\leq 5 \text{ g}$

### Classification of Grupo Puma's grout

Type	Specific characteristic	Mortar
RG		Morcemcolor Epoxi
CG2	A W	Morcemcolor Plus Flexible
CG2	A W	Morcemcolor Extra Fina
CG2	A W	Morcemcolor Junta Universal

## Grouting mortars

## EPOXY GROUTS



## MORCEMCOLOR® EPOXI RG

Two-component epoxy grouting mortar for 2 to 15 mm joints.

**Characteristics:** For interior and exterior use. For sealing 2 to 15 mm joints in any type of ceramic installation. Especially recommended for grouting tiles, panels, bricks, etc. that support high-pressure mechanical or chemical loads (slaughterhouses, laboratories, industrial kitchens, etc.).



Bioactive technology anti-fungal and anti-algae Bio-active Technology



Aquastop effect, which prevents moisture buildup and helps create a glossy effect.



Colors shown are for guidance only

**Yield:**  
kg/m<sup>2</sup> (calculated for a tile thickness of 6 mm)

**Packaging** 5 kg bucket  
**Colors** Range of colors



Tile size (cm)	joint size (mm)				
	2	5	8	10	15
2,5 x 2,5 cm	1,49				
15 x 15 cm	0,25	0,62	0,99	1,24	1,86
15 x 20 cm	0,22	0,54	0,87	1,09	1,63
20 x 20 cm	0,19	0,47	0,74	0,93	1,40
25 x 33 cm	0,13	0,33	0,52	0,65	0,98
30 x 40 cm	0,11	0,27	0,43	0,54	0,81
40 x 60 cm	0,08	0,19	0,31	0,39	0,58
45 x 80 cm	0,06	0,16	0,26	0,32	0,48

$$\frac{A+B}{A \times B} \times C \times D \times 0,155 = \text{kg/m}^2$$

Where:

A= Tile width (cm)

B= Tile width (cm)

C= Tile thickness (mm)

D= Joint width (mm)

**Field as adhesive:**

Notched trowel of 4 mm,

Yield: 1,6 kg/m<sup>2</sup>

## Range of colors



## CEMENTITIOUS GROUTS

## MORCEMCOLOR® PLUS FLEXIBLE CG2 A W



Colored, anti-fungal, water-repellent grouting mortar with additives for 2 to 15 mm joints.

**Characteristics:** Very fine and plastic water repellant coloured mortar for grouting 2 to 15 mm joints in all kinds of floor tilings. Special for grouting low-porosity pieces (porcelain stoneware), swimming-pools, and for the application in areas prone to growth of microorganisms.

**Yield:**  
kg/m<sup>2</sup> (calculated for a tile thickness of 6 mm)

**Packaging** 20 kg bag and 5 kg polyethylene bags.  
**Colors** Range of colors



Tile size (cm)	joint size (mm)				
	2	5	8	10	15
15x15	0.27	0.68	1.09	1.36	2.04
15x20	0.24	0.60	0.95	1.19	1.79
20x20	0.20	0.51	0.82	1.02	1.63
25x33	0.14	0.36	0.57	0.72	1.08
30x40	0.12	0.30	0.48	0.60	0.89
40x60	0.09	0.21	0.34	0.43	0.64
45x80	0.07	0.18	0.28	0.35	0.53

$$\frac{A+B}{A \times B} \times C \times D \times 0.17 = \text{kg/m}^2$$

Where:

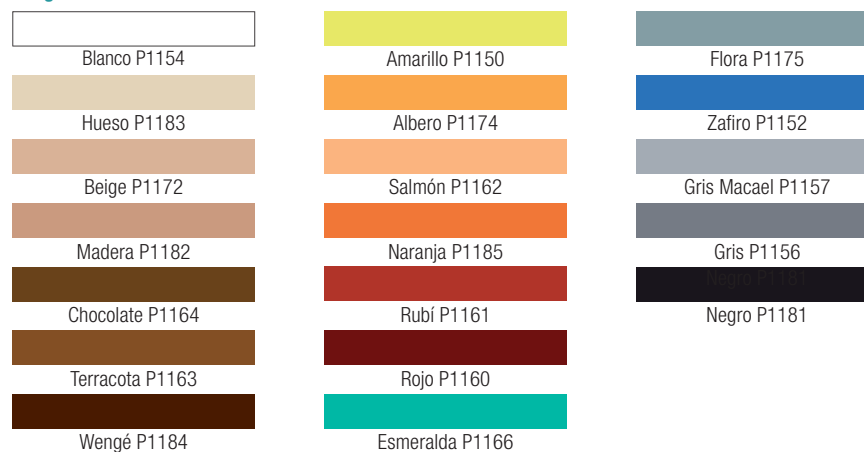
A= Tile width (cm)

B= Tile width (cm)

C= Tile thickness (mm)

D= Joint width (mm)

## Range of colors



Hygiene and cleanliness



Bioactive technology  
Anti-fungal and anti-algae  
Bio-active Technology



Aquastop effect, which prevents moisture buildup and helps create a glossy effect.



Health Protector  
Improves hygiene  
wherever applied.

Colors shown are for guidance only

## MORCEMCOLOR® EXTRA FINA CG2 A W



Very fine, high-plasticity colored grouting mortar with additives for sealing up to 4 mm joints.

**Characteristics:**

For interior and exterior use. For sealing joints of up to 4 mm. High abrasion resistance. Extra-fine grain size. High degree of hardness. Easy to clean. Very fine texture. Reduced water absorption. Crack-resistant. Does not scratch. Especially recommended for marble, porcelain, rectified tiles, and terrazzo.



Lightweight and delicate

**Yield:**  
kg/m<sup>2</sup> (calculated for a tile thickness of 6 mm)

**Packaging** 3 kg polyethylene bags.  
**Colors** Range of colors

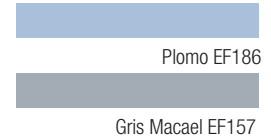
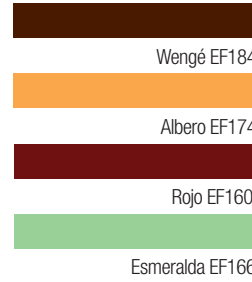
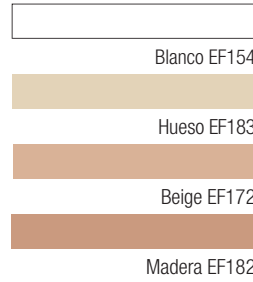


Tile size (cm)	Joint size (mm)			
	1	2	3	4
15x15	0.14	0.27	0.41	0.54
15x20	0.12	0.24	0.36	0.48
20x20	0.10	0.20	0.31	0.41
25x33	0.07	0.14	0.22	0.29
30x40	0.06	0.12	0.18	0.24
40x60	0.04	0.09	0.13	0.17
45x80	0.03	0.07	0.11	0.14

$$\frac{A+B}{A \times B} \times C \times D \times 0.17 = \text{kg/m}^2$$

Where:  
A= Tile width (cm)  
B= Tile width (cm)  
C= Tile thickness (mm)  
D= Joint width (mm)

**Range of colors**



Colors shown are for guidance only

## MORCEM<sup>®</sup> JUNTA UNIVERSAL CG2 A W



Colored grouting mortar with additives and mixed binders for sealing 2 to 15 mm joints.

**Characteristics:**

For interior and exterior use. For sealing 2 to 15mm joints in any type of ceramic tile installation. Especially recommended for grouting low-porosity tiles (porcelain stoneware) and swimming pools. Water resistant.



All terrain adaptability

Yield:

kg/m<sup>2</sup> (calculated for a tile thickness of 6 mm)

Tile size (cm)	joint width (mm)				
	2	5	8	10	15
15x15	0.27	0.68	1.09	1.36	2.04
15x20	0.24	0.60	0.95	1.19	1.79
20x20	0.20	0.51	0.82	1.02	1.63
25x33	0.14	0.36	0.57	0.72	1.08
30x40	0.12	0.30	0.48	0.60	0.89
40x60	0.09	0.21	0.34	0.43	0.64
45x80	0.07	0.18	0.28	0.35	0.53

**Packaging** 20 kg bag and 5 kg polyethylene bag  
**Colors** Range of colors



$$\frac{A+B}{A \times B} \times C \times D \times 0.17 = \text{kg/m}^2$$

Where:

A= Tile width (cm)

B= Tile width (cm)

C= Tile thickness (mm)

D= Joint width (mm)

**Range of colors**

Blanco 154	Amarillo 150	Flora 175
Hueso 183	Albero 174	Zafiro 152
Beige 172	Salmón 162	Gris Macael 157
Madera 182	Naranja 185	Gris 156
Chocolate 164	Rubí 161	Negro 181
Terracota 163	Rojo 160	
Wengé 184	Esmeralda 166	

Colors shown are for guidance only

## MORCEM<sup>®</sup> LECHADA



Mortar with additives for sealing up to 3 mm joints.

**Characteristics:**

For interior use. For ceramic tiling with a medium to high absorption rate. For sealing joints of up to 3 mm. Easy application. Good mechanical strength and excellent workability. Fine grain size and easy to fill the joints.

Yield:  
kg/m<sup>2</sup>

**Packaging** 20 Kg bag and 3 Kg polyethylene bag  
**Colors** White



Size / Width	5x5	10x10	15x15	20x20	30x30
1 mm	0.60	0.55	0.50	0.45	0.40
2 mm	0.90	0.80	0.70	0.60	0.50





# ONE-COAT MORTARS



ONE-COAT  
MORTARS



Morcemdur Piedra  
OC CSIII W2

Morcemdur Raspado  
OC CSIII W2

Morcemdur Raspado fino  
OC CSIII W2

# Standards for mortars

## Standards for rendering and plastering mortars: UNE EN-998-1

According to the European Standard EN-998-1, the following can be defined:

- Different types of mortars according to use
- Specific characteristics depending on compressive strength and resistance to water absorption

### Type of mortar

#### Type

G	Masonry mortar without special characteristics
GP	General purpose rendering and plastering mortar
LW	Lightweight rendering and plastering mortar
CR	Colored rendering mortar
OC	One-coat rendering mortar for external use
R	Renovation mortar
T	Thermal insulation mortar
	T1: Thermal conductivity $\leq 0.1$ W/m: K
	T2: Thermal conductivity $\leq 0.2$ W/m: K

### Specific Characteristics:

#### Compressive strength

CSI:	0.4 a 2.5 N/mm <sup>2</sup>
CSII:	1.5 a 5.0 N/mm <sup>2</sup>
CSIII:	3.5 a 7.5 N/mm <sup>2</sup>
CSIV:	$\geq 6$ N/mm <sup>2</sup>

#### Resistance to water absorption

W0:	No especificado
W1:	$C \leq 0.4$ Kg/m <sup>2</sup> . min <sup>0.5</sup>
W2:	$C \leq 0.2$ Kg/m <sup>2</sup> . min <sup>0.5</sup>

### Classification of Grupo Puma's mortars for rendering and plastering

#### Type

#### Compressive strength

#### Resistance to water absorption

#### Mortar

G			Morcem Cal Muro
G			Morcem Cal Piedra
GP	CSII	W2	Morcem Estuco Grueso
GP	CSIII	W2	Morcemsec Proyectado Exterior
GP	CSIII	W0	Morcemsec Proyectado Interior
GP	CSIV	W2	Morcemsec Yeso
GP	CSIV	W0	Morcemsec Multiusos
GP		W2	Tradimur
GP		W2	Traditerm
CR	CSI	W2	Morcem Cal Acabado
CR	CSII	W0	Morcem Cal Base
CR	CSI	W0	Morcem Cal Acabado Extrafino
CR	CSIV	W2	Morcemsec Active Capa fina
CR	CSIV	W2	Morcemsec Active Proyectado
CR	CSIV	W2	Morcemsec Capa fina
CR	CSIV	W2	Morcemsec Capa Gruesa
CR		W0	Morcem Estuco Revoco
CR		W0	Morcem Estuco Fino
CR		W0	Morcem Estuco Estrafino
OC	CSIII	W2	Morcemdur R
OC	CSIII	W2	Morcemdur P
OC	CSIII	W2	Morcemdur RF
OC	CSIII	W2	Morcem Texture

# One-coat mortars

## MORCEMDUR® PIEDRA OC CSIII W2



DIT plus 379-p



Stone finish one-coat mortar.

**Characteristics:**

Manual or mechanical application directly on to brick surface. For decorating and waterproofing exterior walls. Rain-proof and permeable to water vapor. Does not require paint; decorative finish in just one application. Sprinkled stones finish.

**Yield**

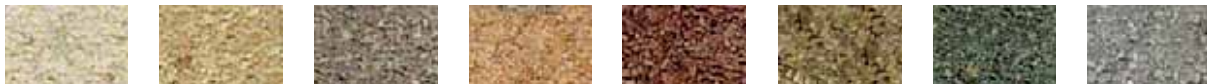
Yield Morcemdur® Piedra:  $13 \pm 1$  kg/m<sup>2</sup> per cm of tickness  
Aggregate for sprinkling:  $10 \pm 1$  kg/m<sup>2</sup>

**Packaging**  
**Colors**

25 kg bag  
Range of colors



**Range of colors:**



Blanco 000  
Colors shown are for guidance only

Marfil 010

Hueso 020

Rosa 030

Rojo 040

Madera 050

Verde 060

Gris 070

## MORCEMDUR® RASPADO OC CSIII W2



DIT plus 390-P



Fine scraped finish one-coat mortar.

**Characteristics:**

For interior and exterior use. Manual or mechanical application directly on to brick surface. For decorating and waterproofing exterior walls. Rain-proof and permeable to water vapor. Does not require paint, decorative finish in just one application. Fine scraped finish.

**Yield**

$16 \pm 1$  kg/m<sup>2</sup> per cm of thickness

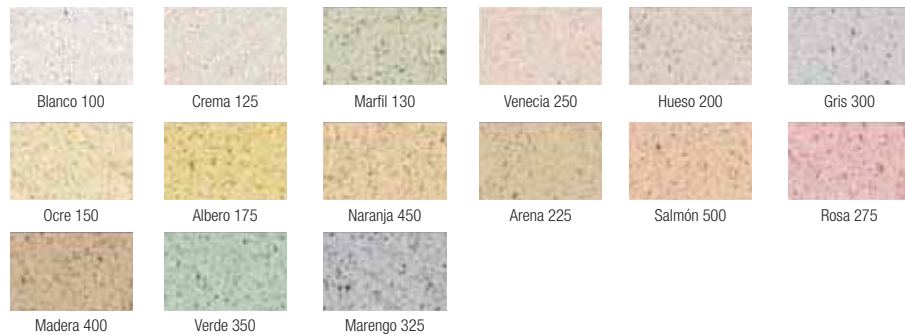
**Packaging**  
**Colors**

25 kg bag  
Range of colors

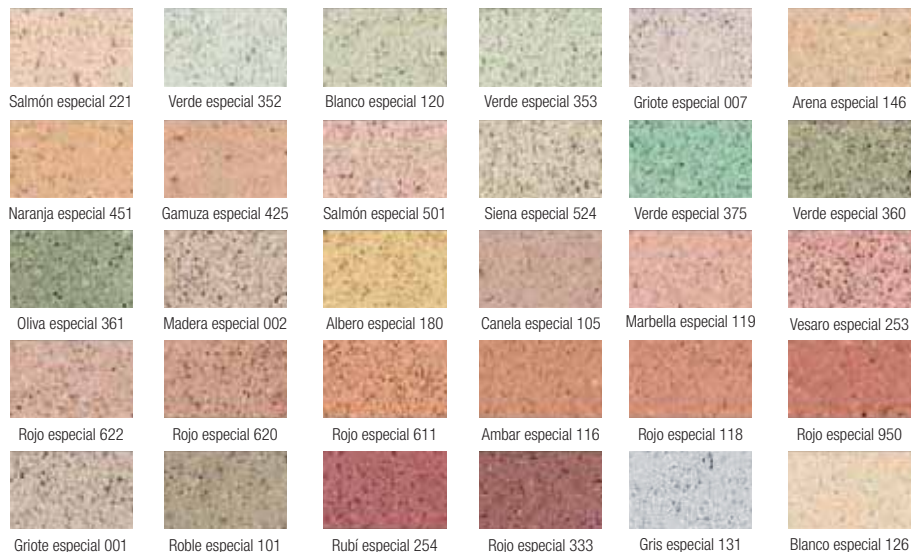


**Range of colors:**

**Colors in stock**



**Colors on request**



Special colors upon request.  
Check stock.

Colors shown are for guidance only





## MORCEMDUR® RASPADO FINO OC CSIII W2

Fine scraped finish one-coat mortar.

**Characteristics:**

For interior and exterior use. Manual or mechanical application directly on to brick surface. For decorating and water-proofing exterior walls. Rain-proof and permeable to water vapor. Does not require paint, decorative finish in just one application. Fine scraped finish.

**Yield**  
17 ± 1 kg/m<sup>2</sup> per cm of thickness

**Packaging** 25 kg bag  
**Colors** Range of colors



**Range of colors:**

Colors shown  
are for guidance only



Blanco 100



Crema 125



Marfil 130



Venecia 250



Hueso 200



Gris 300



Ciudad del Vino. La Rioja.  
Morcemdur, Pegoland.



# PLASTERING AND RENDERING MORTARS

## INTERIOR USE

Morcemsec Proyectable Interior GP CSIII W0  
Morcemsec Multiusos GP CSIV W0

## EXTERIOR USE

Morcemsec Capa Gruesa CR CSIV W2  
Morcemsec Capa Fina CR CSIV W2  
Morcemsec Proyectable Exterior GP CSIII W2  
Morcemsec Enlucido GP CSIV W2

## ACTIVE LINE

Morcemsec Active Capa Fina CR CSIV W2  
Morcemsec Active Proyectable CR CSIV W2

# Plastering and rendering mortars

## INTERIOR USE

### MORCEMSEC® PROYECTABLE INTERIOR GP CSIII W0



Dry plastering mortar.

**Characteristics:**

For interior use. Can be applied manually or with a mortar projection pump. For plastering and rendering. Excellent adhesion and high plasticity. Permeable to water vapor, allowing the substrate to breathe. Smooth or trowel finish.

**Yield**  
± 16 kg/m<sup>2</sup> per cm of thickness

**Packaging** 25 kg bag  
**Colors** White / Grey



### MORCEMSEC® MULTIUSOS GP CSIV W0



Dry plastering mortar.

**Characteristics:**

For interior use. Manual application. Mortar for plastering and masonry work in general. Direct application on to brick and concrete surfaces. Plastering and rendering.

**Yield**  
According to use

**Packaging** 25 kg bag  
**Colors** White / Grey



## EXTERIOR USE

### MORCEMSEC® CAPA GRUESA CR CSIV W2



White dry waterproof rendering mortar.

**Characteristics:**

For interior and exterior use. Can be applied manually or with a mortar projection pump. For finishing exteriors, interiors, patios, etc. For white finish. Rain-proof and permeable to water vapor. Up to 2 cm thick coat without vertical slip. Smooth or trowel finish.

**Yield**  
± 18 kg/m<sup>2</sup> per cm of thickness

**Packaging** 25 kg bag  
**Colors** White



### MORCEMSEC® CAPA FINA CR CSIV W2



White dry waterproof rendering mortar.

**Characteristics:**

For interior and exterior use. Can be applied manually or with a mortar projection pump. For finishing exteriors, interiors, patios, etc. For plastering on top of a mortar rendering or application in two coats. White finish. Rain-proof and permeable to water vapor. Up to 1 cm thick coat without vertical slip. Smooth or trowel finish.

**Yield**  
± 16 kg/m<sup>2</sup> per cm of thickness

**Packaging** 5 and 25 kg bag  
**Colors** White



# Plastering and rendering mortars

## MORCEMSEC® PROYECTABLE EXTERIOR GP CSIII W2



Dry rendering mortar.

**Characteristics:**

For interior and exterior use. Can be applied manually or with a mortar projection pump. With the necessary fluidity and drying time to be applied with a mortar spray pump. For plastering and rendering. Rain-proof and permeable to water vapor. Smooth or trowel finish.

**Yield**  
± 16 kg/m<sup>2</sup> per cm of thickness

**Packaging** 25 kg bag  
**Colors** Grey



## MORCEMSEC® ENLUCIDO GP CSIV W2



Dry plastering mortar for very smooth finish.

**Characteristics:**

For interior and exterior use. For plastering a thin coat over mortar rendering. Very smooth finish. Waterproof coating. Permeable to water vapor, allowing the substrate to breath. Excellent adhesion and high plasticity. For coats of up to 0.5 cm.

**Yield**  
± 8 kg/m<sup>2</sup> per 0.5 cm of thickness

**Packaging** 25 kg bag  
**Colors** White / Grey



## ACTIVE LINE

### MORCEMSEC® ACTIVE CAPA FINA CR CSIV W2



Photocatalytic rendering mortar.

**Characteristics:**

Mortar for finishing exteriors, interiors, patios, etc. Rain-proof and permeable to water vapor, with self-cleaning and decontamination capacity. For final finish plastering and rendering.

**Yield**  
± 16 kg/m<sup>2</sup> per cm of thickness

**Packaging** 25 kg bag  
**Colors** White



### MORCEMSEC® ACTIVE PROYECTABLE CR CSIV W2



Photocatalytic rendering mortar.

**Characteristics:**

Rain-proof mortar that's permeable to water vapor, with self-cleaning and decontamination capacity. With the necessary fluidity and drying time to be applied with a mortar spray pump.

**Yield**  
± 16 kg/m<sup>2</sup> per cm of thickness

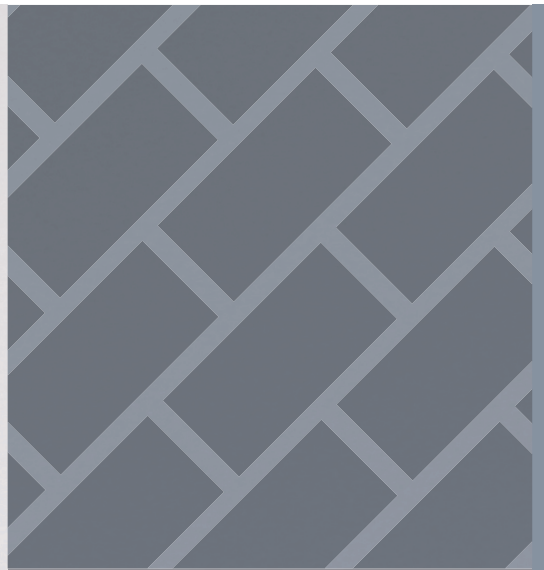
**Packaging** 25 kg bag  
**Colors** White







# LIME MORTARS



Morcem Cal Porógeno R CSII  
Morcem Cal Inyección Consolidante  
Morcem Cal Acabado Extrafino CR CSI W0  
Morcem Cal Acabado CR CSI W2  
Morcem Cal Piedra G  
Morcem Cal Base CR CSII W0  
Morcem Cal Muro G



## MORCEM® CAL PORÓGENO R



Macroporous dehumidifying natural hydraulic lime mortar for remediating damp walls. Natural composition, highly breathable.

### Characteristics

Chemical and mechanical compatibility with habitual building rehabilitation substrates. Does not contain cement. Highly permeable permitting the substrate to "breathe". High porosity, favours evaporation of water retained in wall and prevents the appearance of salts. Reduces the appearance of interior condensation and mould. Rough or trowelled finish. Reduces CO2 emissions in production of raw materials and is recyclable.

Yield	Packaging	25 kg bag
± 12 kg/m <sup>2</sup> per cm of thickness	Color	Light beige



## MORCEM® CAL INYECCIÓN CONSOLIDANTE



Natural hydraulic lime breathable grout for consolidating masonry walls. Natural composition.

### Characteristics

Suitable for rehabilitation use due to its high compatibility with traditional systems. For application on structural reinforcements and consolidating masonry walls, pillars and domes by low-pressure injection. High water vapour permeability. Fluid, cohesive mix. High resistance to salts.

Yield	Packaging	25 kg bag
± 12 kg/m <sup>2</sup> per cm of thickness	Color	Light beige



## MORCEM® CAL ACABADO EXTRAFINO CR CSI W0



Natural hydraulic lime smoothing mortar. Natural composition, highly breathable.

### Characteristics

Waterproof interior and exterior cladding. Suitable for its use in restoration projects due to its excellent compatibility with traditional systems. Interior and exterior application in new construction buildings where living conditions may need to be improved regarding cement based mortars.

Yield	Packaging	25 kg bag
± 16 kg/m <sup>2</sup> per cm of thickness	Color	White



## MORCEM® CAL ACABADO CR CSI W2



Natural hydraulic lime mortar for smoothing. Natural composition, highly breathable.

### Characteristics

Highly permeable interior and exterior rendering. Suitable for use in restoration projects due to its high compatibility with traditional building materials and systems. Interior and exterior use in new building constructions where better finishes than those delivered by cement-based mortars are desired.

Yield	Packaging	25 kg bag
± 16 kg/m <sup>2</sup> per cm of thickness	Colors	Light Beige



### Range of colors:

Colors shown are for guidance only.



## MORCEM® CAL PIEDRA G



Natural hydraulic lime mortar for finishing joints and edges. Natural composition, highly breathable

**Characteristics:**

Mortar for repairing and filling joints in brick or natural stone walls. Suitable for use in restoration projects due to its high compatibility with traditional building materials and systems. Interior and exterior use in new building constructions where better finishes than those delivered by cement-based mortars are desired.

Yield  
According to use

Packaging 25 kg bag  
Colors Light Beige



**Range of colors:**



Natural 246



Marengo 325



Crema 125



Arena 225



Albero 175



Gamuza 425



Rojo 333

Colors shown are for guidance only.

## MORCEM® CAL BASE CR CSII WO



Natural hydraulic lime mortar for rendering. Natural composition, highly breathable.

**Characteristics:**

Highly permeable interior and exterior rendering. Suitable for use in restoration projects due to its high compatibility with traditional building materials and systems. Interior and exterior use in new building constructions where better finishes than those delivered by cement-based mortars are desired.

Yield  
± 16 kg/m<sup>2</sup> per cm of thickness

Packaging 25 kg bag  
Colors Light Beige



**Range of colors:**



Natural 246



Marengo 325



Crema 125



Arena 225



Albero 175



Gamuza 425



Rojo 333

Colors shown are for guidance only.

## MORCEM® CAL MURO G



Natural hydraulic lime mortar for masonry. Natural composition, highly breathable.

**Characteristics:**

Mortar for building and repairing stonework and walls. Suitable for use in restoration projects due to its high compatibility with traditional building materials and systems. Interior and exterior use in new building constructions where better finishes than those delivered by cement-based mortars are desired.

Yield  
According to use

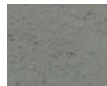
Packaging 25 kg bag  
Colors Light Beige



**Range of colors:**



Natural 246



Marengo 325



Crema 125



Arena 225



Albero 175



Gamuza 425



Rojo 333

Colors shown are for guidance only.





# DECORATION MORTARS



## MINERAL STUCCO

Morcem Estuco Grueso CR CSII W2

Morcem Estuco Fino CR W0

Morcem Estuco Extrafino CR W0

## ACRYLIC MORTARS

Morcemcrl Flexible

Morcemcrl Siloxano

Morcemcrl Silicato

Morcemcrl Silicona

Morcemcrl Mosaico

Morcemcrl

Fondo Morcemcrl

## TEXTURE MORTARS

Morcem Texture OC CSIII W2

Morcem Texture Resina

Morcem Texture Desmoldeante

## MINERAL STUCCO



### MORCEM® ESTUCO GRUESO CR CSII W2

Colored rendering and finishing mortar.

**Characteristics:**

Rendering and finishing mortar for waterproofing exterior walls. Constitutes an ideal base for two-coat applications (MORCEM STUCCO RENDER, acrylic mortars, mineral stuccos, plastic paints and renders). For interior and exterior use.

**Yield**  
± 16 kg/m<sup>2</sup> per cm of thickness

**Packaging** 25 kg bag  
**Colors** Range of colors



**Range of colors:**



Blanco 100



Crema 125



Ámbar 116



Rojo 950



Hueso 200



Marengo 325



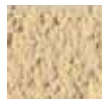
Naranja 451



Roble 101



Arena 225



Albero 175



Madera 400



Salmón 501

All colors are by request only, except Blanco 100.

Colors shown are for guidance only.



### MORCEM® ESTUCO FINO CR WO

Colored lime mortar for smooth/trowel finish.

**Characteristics:**

Lime mortar for rendering and decoration. Interior and exterior use. Does not require paint; delivers decorative finish. Smooth/trowel finish.

**Yield**  
± 3 kg/m<sup>2</sup>

**Packaging** 25 kg bag  
**Colors** Range of colors



**Range of colors:**



Blanco F100



Crema F125



Marfil F130



Arena F225



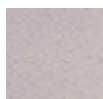
Gamuza F425



Albero F175



Rosa F275



Marengo F325



Oliva F361



Celeste F226



Rojo F333

All colors are by request only, except Blanco 100.

Colors shown are for guidance only.

# Decoration mortars

## MORCEM® ESTUCO EXTRA FINO CR WO



Colored lime mortar for very smooth/shiny finish.

**Characteristics:**

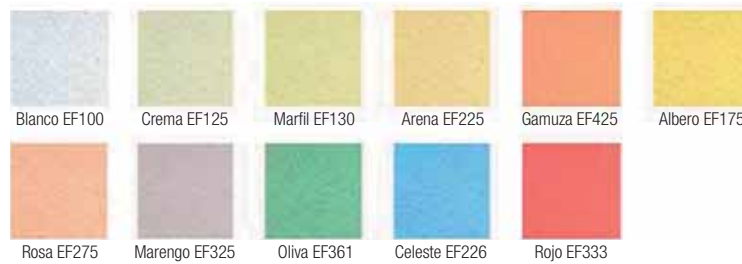
Lime mortar for rendering and decoration. Interior and exterior use. Does not require paint; delivers a decorative finish. Very smooth/shiny finish.

**Yield**  
± 0.3 kg/m<sup>2</sup>

**Packaging** 3 kg polyethylene bag  
**Colors** Range of colors ± 0,3 kg/m<sup>2</sup>



**Range of colors:**



All colors are by request only, except Blanco 100.

Colors shown are for guidance only.

## ACRYLIC STUCCO

### MORCEMCRIL® FLEXIBLE



Ready to use synthetic-mineral render with elastic properties.

**Characteristics**

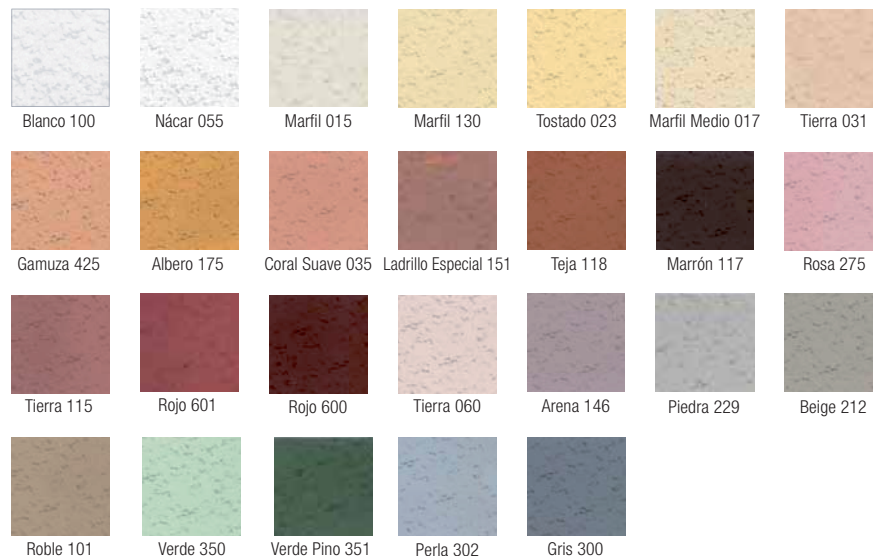
suitable for waterproofing and decorating façades and indoor walls. With elastic and deformable properties. Waterproof finish. Decorative finish for the external thermal insulation system TRADITERM®. (ETICS). Formulated with additives capable of preventing and delaying the appearance of molds and algae. Ideal for the rehabilitation of facades.

**Yield**  
± 2-3 kg/m<sup>2</sup>

**Packaging** 20 kg bucket  
**Color** Range of colors



**Range of colors:**



Colors shown are for guidance only.



## MORCEMCRIL® SILOXANO

Ready to use synthetic-mineral water-repellent render.

### Characteristics

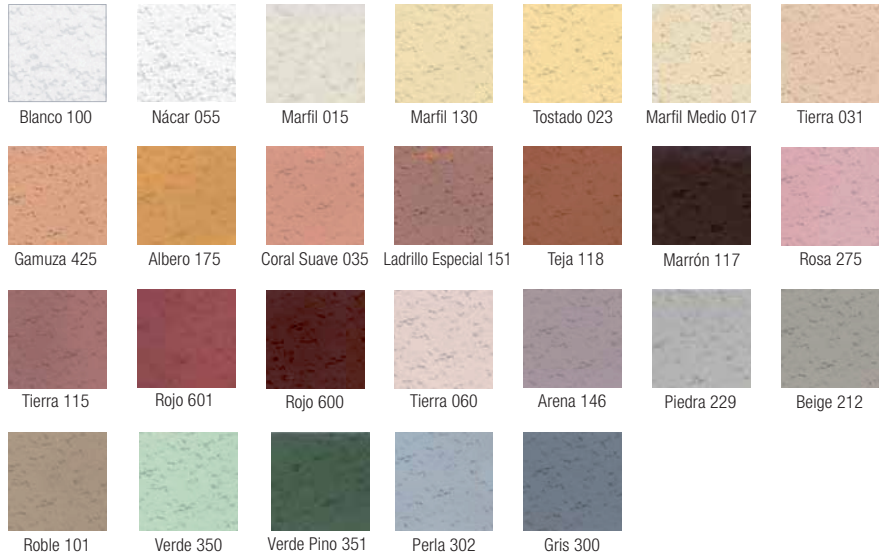
Waterproofing and decoration of all types of facades and interiors. In exterior-interior walls and ceilings. Decorative coating for the exterior thermal insulation system TRADITERM®. (SATE / ETICS). Formulated with additives capable of preventing and delaying the appearance of molds and algae, it also incorporates hydrophobic properties that prevent the temporary absorption of moisture and reduces the dirtiness caused by it.

Yield  
± 2-3 kg/m<sup>2</sup>

Packaging 25 kg bucket  
Color Range of colors



### Range of colors:



Colors shown are for guidance only.



## MORCEMCRIL® SILICATO

Ready to use highly breathable synthetic-mineral render.

### Characteristics

Waterproofing and decoration of all types of facades and interiors. Decorative coating in Exterior Thermal Insulation Systems TRADITERM (SATE / ETICS) and MORCEMCAL range of products. Highly breathable and formulated with additives capable of preventing and delaying the appearance of molds and algae.

Yield  
± 2-3 kg/m<sup>2</sup>

Packaging 25 kg bucket  
Color Range of colors (on request)



## MORCEMCRIL® SILICONA

Ready to use synthetic-mineral waterproofing render.

### Characteristics

Waterproofing and decoration of all types of facades and interiors. Decorative coating in Exterior Thermal Insulation Systems TRADITERM (SATE / ETICS). Highly breathable and formulated with additives capable of preventing and delaying the appearance of molds and algae.

Yield  
± 2-3 kg/m<sup>2</sup>

Packaging 25 kg bucket  
Color Range of colors (on request)





## MORCEMCRIL® MOSAICO

Ready to use synthetic-mineral render with stone finish.

### Characteristics

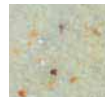
waterproofing and decorating façades and indoor walls, especially designed for reinforcing skirting boards (baseboards) in the TRADITERM external thermal insulation system. Provides additional resistance against impacts and punctures. Formulated with additives capable of preventing and delaying the appearance of molds and algae.

Yield  
± 4-5 kg/m<sup>2</sup>

Packaging  
Color 20 kg bucket  
Range of colors



### Range of colors:



Blanco 000



Marfil 010



Amarillo 015



Rosa 030



Rojo 040



Madera 050

Special colors upon request. Check stock.

Colors shown are for guidance only.



Verde 060



Gris 070



Nevada 085



## MORCEMCRIL®

Synthetic mineral plaster.

### Characteristics

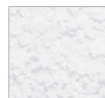
For waterproofing and decorating all types of exterior and interiors walls and ceilings. Quick and easy application. Excellent adhesion to typical construction surfaces. Waterproof, washable, and resistant to mold and mildew. Re-resistant to aging. Coat thickness from 2 to 3 mm. Thin/Medium/Thick/Grated finishes.

Yield  
± 2-3 kg/m<sup>2</sup>

Packaging  
Color 25 kg bucket  
Range of colors



### Range of colors:



Blanco 100



Nacar 055



Marfil 015



Marfil 130



Tostado 023



Marfil Medio 017



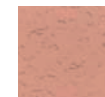
Tierra 031



Gamuza 425



Albero 175



Coral Suave 035



Ladrillo Especial 151



Teja 118



Marrón 117



Rosa 275



Tierra 115



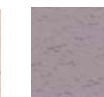
Rojo 601



Rojo 600



Tierra 060



Arena 146



Piedra 229



Beige 212

Special colors are available on request. Check availability.

Colors shown are for guidance only.



Roble 101



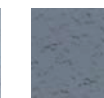
Verde 350



Verde Pino 351



Perla 302



Gris 300



## MORCEMCRIL® FONDO



Color base for acrylic mortar.

**Characteristics**

High-quality acrylic base. Improves adhesion, facilitates application, evens out the absorption properties of the surface material, and provides an initial coat of color. Enhances the performance of the finishing acrylic mortar, maintaining a high permeability to water vapor. Excellent application, workability and adhesion to the surface.

**Yield**  
± 1 kg/4-5 m<sup>2</sup>

**Packaging** 20 kg bucket  
**Color** Morcemcil range of colors



## TEXTURED MORTARS

## MORCEM TEXTURE SYSTEM

### MORCEM® TEXTURE OC CSIII W2



One-coat mortar for stamped finish.

**Characteristics**

Especially designed for texturing interior and exterior surfaces. Manual or mechanical application directly on the brick surface. Rain-proof and permeable to water vapor. Infinite decorative possibilities by combining different colors and textures.

**Yield**  
± 18 kg/m<sup>2</sup> per cm of thickness

**Packaging** 25 kg bag  
**Color** Range of colors



**Range of colors:**

Colors in stock

Blanco 100	Crema 125	Marfil 130	Venecia 250	Hueso 200	Gris 300	Ocre 150	Albero 175
Naranja 450	Arena 225	Salmón 500	Rosa 275	Madera 400	Verde 350	Marengo 325	

Colores bajo pedido

Salmón especial 221	Verde especial 352	Blanco especial 130	Verde especial 353	Griote especial 007	Avena especial 146
Verde especial 375	Verde especial 360	Naranja especial 451	Gamuzá especial 425	Salmón especial 501	Siena especial 524
Marbella especial 119	Vesaro especial 253	Oliva especial 361	Madera especial 002	Albero especial 180	Canela especial 105
Rojo especial 118	Rojo especial 950	Rojo especial 622	Rojo especial 620	Rojo especial 611	Ámbar especial 116
Gris especial 131	Blanco especial 126	Griote especial 001	Roble especial 101	Rubí especial 254	Rojo especial 333



Allows for a textured finish using molds and rollers.

Colors shown are for guidance only.

## MORCEM® TEXTURE RESINA



Protective resin for surfaces.

**Characteristics:** Especially recommended for varnishing MORCEM TEXTURE. Leaves a protective and decorative film with a high degree of hardness and resistance to ultraviolet rays.

Yield  
7-9 m<sup>2</sup>/L

Packaging 25 L container  
Color Colorless



## MORCEM® TEXTURE DESMOLDEANTE



Immediate-action liquid mold release agent.

**Characteristics:**  
Creates a thin, non-oily film on the concrete contact surface, enabling immediate mold release.

Yield  
50 m<sup>2</sup>/L

Packaging 5 L container  
Color Colorless



## SYSTEM ACCESSORIES

### MOLDS



See annex.

### ROLLERS



See annex.



# INSULATION MORTARS

Tradimur GP W2  
Morcem Panel GP W2

## **TRADITERM SYSTEM (SATE/ETICS)**

Traditerm Flexible  
Traditerm Ceramic C2 TE S2  
Traditerm Proyectable GP W2  
Traditerm GP W2  
System Accesories



## TRADIMUR® GP W2

Mortar for the adhesion of mineral wool.

### Characteristics

Functions as render and as an adhesive mortar. For installing insulation (glass fiber wool and rock wool) in the cavities of double-leaf brick walls or concrete blocks. The system is fire-proof, rain-proof, and permeable to water vapor. Easy to apply.

Yield  
± 8 kg/m<sup>2</sup>

Packaging 25 kg bag  
Color Grey



## MORCEM® PANEL GP W2

Hydraulic mortar, designed for treating joints and coating panels for exterior walls:  
-SECUROCK® from USG™ - AQUAPANEL® from KNAUF®

### Characteristics

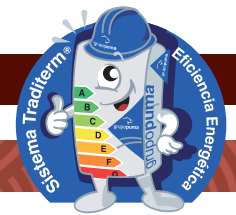
High adherence. Correct resistance as coating. Waterproof to rain water. Permeable to water vapor. Reaction to fire Euroclass A1.

Yield  
Aprox. 5kg/m<sup>2</sup>

Packaging 25 kg bag  
Color Grey



## TRADITERM SYSTEM (SATE/ETICS)



## TRADITERM® FLEXIBLE

Maximum flexibility mortar, for the coating of insulating panels (TRADITERM PANEL EPS and TRADITERM PANEL EPS-G)

### Characteristics

Cement free. Maximum flexibility. Excellent impact resistance  
Waterproof to rain water and permeable to water vapor. Ready to use. Indoor and outdoor use.

Yield  
3,5 Kg/m<sup>2</sup>

Packaging 26 kg bucket  
Color Light beige



## TRADITERM® CERAMIC C2 TE S2

Two-component high-performance adhesive for applying ceramic in the TRADITERM CERAMIC (SATE/ETICS) System, certified with DIT (technical approval) No. 605/14.

### Characteristics

Indicated for the installation of ceramic tiles over the TRADITERM CERAMIC (SATE/ETICS) System. Non-slip. Excellent initial bonding. Extended open time which allows the repositioning of tiles. Highly deformable. Type S2.

Yield  
Aprox. 5-8 Kg/m<sup>2</sup>

Packaging 20 kg bag + 5.2kg bucket  
Color White



## TRADITERM® PROYECTABLE GP W2



White, monocomponent mortar with high adherence to polystyrene .

### Characteristics

Multi-purpose: adhesive mortar for insulation boards and also as a reinforced protecting render. Optimal adherence and excellent cohesion. Excellent workability. Vey low water permeability and optimal permeability to water vapour. Excellent resistance to aging even if subjected to hygrothermic cycles as a finishing coat for an ETIC system.

Yield  
± 8-10 kg/m<sup>2</sup>

Packaging 25 kg bag  
Color White



## TRADITERM® GP W2



Mortar for the adhesion of expanded polystyrene (EPS) panels and mineral wool.

### Characteristics

Hydraulic mortar used as an adhesive and covering on expanded polystyrene boards and mineral wool, in the external heat insulation system Traditerm (SATE/ETICS). High adherence, waterproof, water vapor permeable, easy to apply, not combustible.

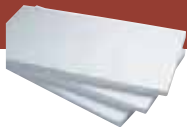
Yield  
± 8-10 kg/m<sup>2</sup>

Packaging 25 kg bag  
Color Grey



## SYSTEM ACCESSORIES

### EPS PANELS



See annex.



### EPS-G PANELS



See annex.



### NATURAL CORK PANELS



See annex.



### MESH



See annex.



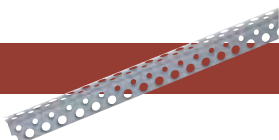
### ANCHORING SCREWS/PLUGS



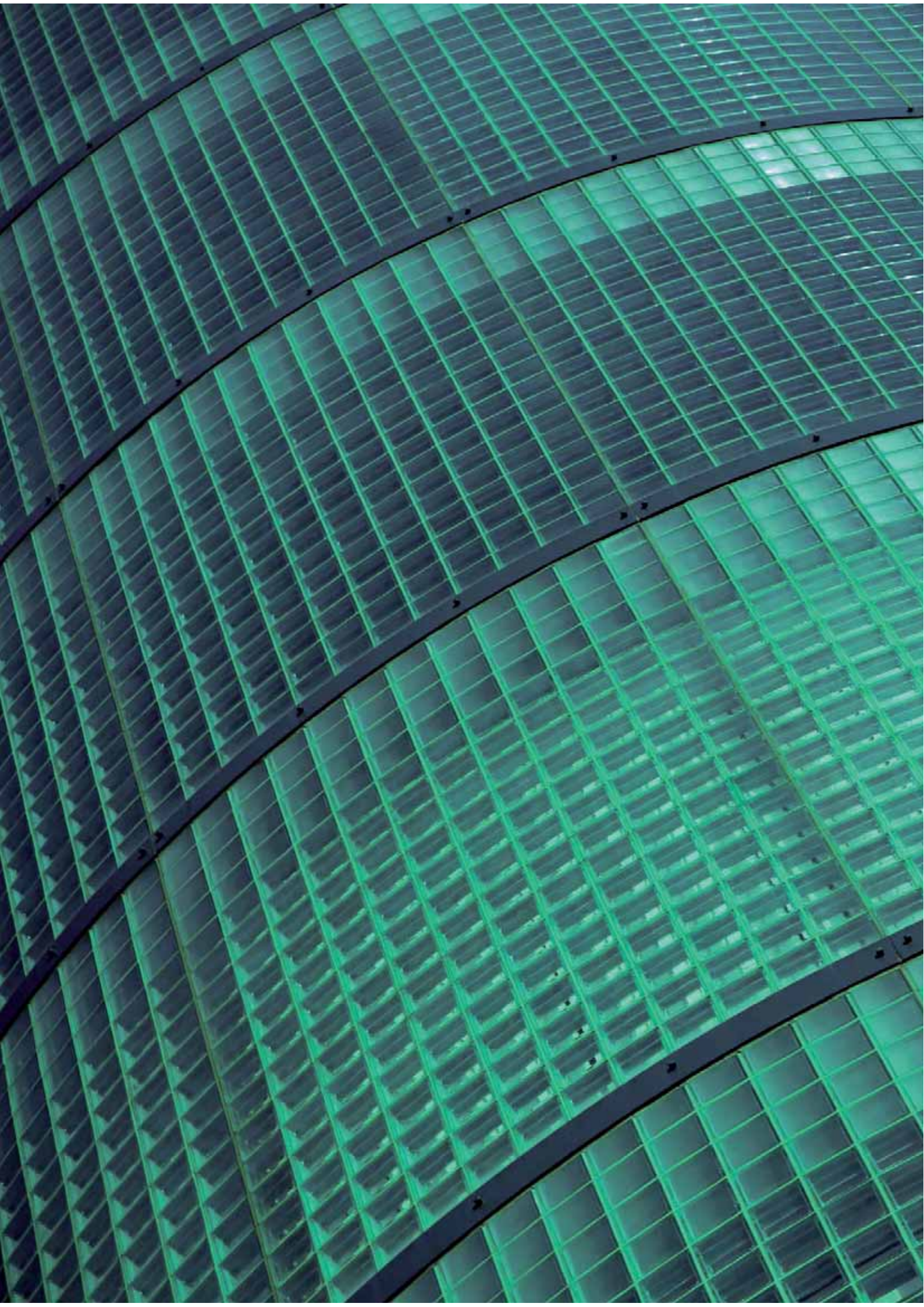
See annex.



### PROFILES



See annex.



# SPECIAL MORTARS

Morfex  
Morcem Glass G  
Morcem Bloque G  
Morcem Gran Formato Exterior G  
Morcem Yeso Gran Formato CE



## MORFEX®



Fireproof mortar.

### Characteristics

For installing fireproof bricks. For plastering jobs in fire-prone or high-temperature environments. Perfect for the construction of fireplaces, barbecues, ovens, etc.

**Yield**  
± 16 kg/m<sup>2</sup> per cm of thickness

**Packaging** 25 kg bag / 5 kg bag  
**Color** Grey



## MORCEM® GLASS G



Glass block bonding mortar.

### Characteristics

For interior and exterior use. Especially recommended for bonding glass blocks; compatible with the use of rods. Fast setting for easy application and cleaning. High plasticity and strength. Waterproof and permanent. Crack-resistant.

**Yield**  
± 12 kg/m<sup>2</sup> for 20x20x8 cm blocks

**Packaging** 25 kg bag / 5 kg bag  
**Color** White



## MORCEM® BLOQUE G



Mortar for masonry work.

### Characteristics

Colored mortar for general construction work, bare bricks and concrete blocks. For masonry jobs. Available in a variety of colors.

**Yield**  
± 15 kg/m<sup>2</sup> per cm of thickness

**Packaging** 25 kg bag  
**Color** Range of colors



### Range of colors:



Pardo



Salmón



Terrano



Rojo



Albero



Gris



Blanco



Alhama



Crema

Special colors are available on request. Check availability.

Colors shown are for guidance only.



## MORCEM® GRAN FORMATO EXTERIOR G

Dry cement-based mortar for binding large format exterior brick partition walls.

### Characteristics

Dry cement-based mortar prepared with aggregates of controlled grain size, water repellents and special additives to improve its workability which is suitable for assembling large format ceramic tile partition walls. It has excellent workability and minimal slip.

Yield	Packaging	25 kg bag
± 12 kg/m <sup>2</sup>	Color	Grey



## MORCEM® YESO GRAN FORMATO CE

Plaster-based adhesive for bonding large format brick partition walls.

### Characteristics

Suitable for interior installation of large format ceramic brick partition walls. No vertical slip. Excellent workability and high performance.

Yield	Packaging	25 kg bag
± 3-4 kg/m	Color	White





# FLOORING LINE

## SELF-LEVELING CEMENT BASED PAVEMENTS

Niveland 30 R CT C35 F6  
Niveland 10R CT C25 F6  
Niveland 5 CT C20 F6  
Niveland 3 CT C20 F6  
Paviland Solera R Autonivelante CT C25 F5  
Paviland Solera Autonivelante CT C25 F5  
Paviland Recrecido Autonivelante CT C25 F6

## PRIMERS FOR PAVEMENTS

Paviland Primer Ceramic  
Paviland Primer R

## CONCRETE LINE

Paviland Drenante  
Paviland HS 25  
Paviland Ultra Rápido

## DECORATIVE CEMENT BASED PAVEMENTS

Paviland Plus  
Paviland Impreso R  
Paviland Impreso  
Paviland Desmoldeante  
Paviland Fibra

## INDUSTRIAL CEMENT BASED PAVEMENTS

Paviland Industrial CR  
Paviland Industrial MT  
Paviland Industrial

## RESIN, VARNISHES AND PAINTS

Paviland Resina A10  
Paviland Resina A6  
Paviland Resina A4  
Paviland Resina AC2  
Paviland Resina AP30  
Paviland Resina D24  
Paviland Resina D20  
Paviland Resina D10  
Paviland Resina DC2  
Paviland Top AC  
Paviland Top EPW  
Paviland Top EP  
Paviland Top PU

## ACCESSORIES

Paviland Asfalto en Frío

# Standards for Flooring Line

## Standards for screed materials and floor screeds: UNE-EN-13813

According to the European Standard EN-13813, the following can be defined:

- Different types of screeds depending on the type of binder used
- Specific characteristics regarding the compressive and flexural strength

### Types of screed

#### Type

CT:	Cementitious
CA:	Calcium sulfate
MA:	Magnesite
AS:	Mastic asphalt
SR:	Synthetic resin

### Specific characteristics:

#### Compressive strength

C5:	5 N/mm <sup>2</sup>
C7:	7 N/mm <sup>2</sup>
C12:	12 N/mm <sup>2</sup>
C16:	16 N/mm <sup>2</sup>
C20:	20 N/mm <sup>2</sup>
C25:	25 N/mm <sup>2</sup>
C30:	30 N/mm <sup>2</sup>
C35:	35 N/mm <sup>2</sup>
C40:	40 N/mm <sup>2</sup>
C50:	50 N/mm <sup>2</sup>
C60:	60 N/mm <sup>2</sup>
C70:	70 N/mm <sup>2</sup>
C80:	80 N/mm <sup>2</sup>

#### Flexural strength

F1:	1 N/mm <sup>2</sup>
F2:	2 N/mm <sup>2</sup>
F3:	3 N/mm <sup>2</sup>
F4:	4 N/mm <sup>2</sup>
F5:	5 N/mm <sup>2</sup>
F6:	6 N/mm <sup>2</sup>
F7:	7 N/mm <sup>2</sup>
F10:	10 N/mm <sup>2</sup>
F15:	15 N/mm <sup>2</sup>
F20:	20 N/mm <sup>2</sup>
F30:	30 N/mm <sup>2</sup>
F40:	40 N/mm <sup>2</sup>
F50:	50 N/mm <sup>2</sup>

### Classification of Grupo Puma's flooring materials

Type	Compressive strength	Flexural strength	Mortar
CT	C35	F6	Niveland 30R
CT	C25	F6	Niveland 10R
CT	C20	F6	Niveland 5
CT	C20	F6	Niveland 3
CT	C25	F5	Paviland Solera R Autonivelante
CT	C25	F5	Paviland Solera Autonivelante
CT	C25	F6	Paviland Recrecido Autonivelante

## SELF-LEVELLING CEMENT BASED PAVEMENTS

### NIVELAND® 30 R CT C35 F6



High performance fast-drying self-leveling mortar for layers of up to 30mm.

**Characteristics**

High performance fast-drying self-leveling mortar, for preparing interior floors that once hardened, are suitable for receiving all types of floor finishes: ceramic tiles, parquet, carpets, etc. Pumpable. Thickness from 2 mm to 15 mm, or 15 mm to 30 mm with the addition of aggregates.

Yield  
1,65-1,75 Kg/m<sup>2</sup> per mm of thickness

Packaging 25 kg bag  
Color Grey



### NIVELAND® 10R CT C25 F6



Fast-drying self-leveling mortar for layers of up to 10 mm.

**Characteristics**

High-performance mortar for preparing and leveling interior floors. Suitable for filling holes and gaps. Once hardened, it is suitable for installing any type of light flooring (ceramic, parquet, carpet, etc.). Easy to apply. High mechanical strength and resistance to abrasion. Fast-setting. Layer thickness of up to 10 mm.

Yield  
± 1,5 kg/m<sup>2</sup> per mm of thickness

Packaging 25 kg bag  
Color Grey



### NIVELAND® 5 CT C20 F6



Self-leveling mortar for layers of up to 5 mm

**Characteristics:**

Mortar for preparing and leveling interior floors. Suitable for filling holes and gaps. Once hardened, it is suitable for installing any type of light flooring (ceramic, parquet, carpet, etc.). Easy to apply. High mechanical strength and resistance to abrasion. Layer thickness of up to 5 mm.

Yield  
± 1,5 kg/m<sup>2</sup> per mm of thickness

Packaging 25 kg bag  
Color Grey



### NIVELAND® 3 CT C20 F6



Self-leveling mortar for layers of up to 3 mm

**Characteristics:**

Mortar for preparing and leveling interior floors. Suitable for filling holes and gaps. Once hardened, it is suitable for installing any type of light flooring (ceramic, parquet, carpet, etc.). Easy to apply. High mechanical strength and resistance to abrasion. Layer thickness of up to 3 mm.

Yield  
± 1,5 kg/m<sup>2</sup> per mm of thickness

Packaging 25 kg bag  
Color Grey



## PAVILAND® SOLERA R AUTONIVELANTE CT C25 F5



Fast- setting self-leveling mortar of great fluidity that once hardened creates a screed of great flatness and mechanical resistance.

### Characteristics

Suitable for the accomplishment of self-leveling interiors from 10 to 50 mm in adhered screeds and from 50 to 100 mm in floating screeds. For slabs with underfloor radiant heating. Easy application due to its high fluidity and flatness. Fast commissioning. Ideal for cold season projects, where normal self-leveling screeds need more time to be put into service.

Yield  
18 – 20 Kg/m<sup>2</sup> per cm of thickness

Packaging 25 kg bag  
Color Grey



## PAVILAND® SOLERA AUTONIVELANTE CT C25 F5



Self-leveling mortar of great fluidity that once hardened creates a screed of great flatness and mechanical resistance.

### Characteristics

Suitable for the accomplishment of self-leveling interiors from 10 to 50 mm in adhered screeds and from 50 to 100 mm in floating screeds. For slabs with underfloor radiant heating. Easy application due to its high fluidity and flatness.

Yield  
17 – 19 Kg/m<sup>2</sup> per cm of thickness

Packaging 25 kg bag  
Color Grey



## PAVILAND® RECRECIDO AUTONIVELANTE CT C25 F6



Self-leveling mortar for the preparation of interior floorings.

### Characteristics

For thickening and leveling interior floors with pedestrian traffic. Suitable for surfaces with under floor heating. Easy to apply, achieving high degree of flatness. High mechanical resistance. Floor screeds between 10-60 mm.

Yield  
± 20 kg/m<sup>2</sup> per cm of thickness

Packaging 25 kg bag  
Color Grey



## PRIMERS FOR PAVEMENTS

### PAVILAND® PRIMER CERAMIC



Bonding primer for Self-leveling Cement Systems by Grupo Puma for non-porous substrates and interior and exterior use.

### Characteristics

Specially developed for placing cementitious mortars on non-porous and / or glass surfaces such as ceramics, stoneware, marble, stone, very low porosity concrete, smoothed cement, etc. Interior and exterior use.

Yield  
± 0.02-0.05 kg/m<sup>2</sup>

Packaging 1 and 5 kg containers



### PAVILAND® PRIMER R



Bonding primer for Self-leveling Cement Systems by Grupo Puma for interior and exterior use.

### Characteristics

Bonding to all types of mineral substrates for the posterior application of any cement-based mortar. Stabilizes absorbency, avoids or lowers the appearance of air bubbles in the self-leveling facing. Increases the substrate's. Avoids alkaline pH in the substrate.

Yield  
According to use (consult technical data sheet)

Packaging 25 and 5 kg containers  
Color White liquid



## CONCRETE LINE

### PAVILAND® DRENANTE



Dry-mix concrete.

**Characteristics**

Intended for highly permeable flooring systems; constitutes an alternative to traditional flooring aesthetics. It reduces and/or prevents the surface flow of rainwater or any other type of water by allowing permeation. Perfect for sports courts, car parks, flooring in residential developments, tree pits and landscaping, etc.).

Yield  
± 18 kg/m<sup>2</sup> per cm of thickness

Packaging  
Color 25 kg plastic bag  
Range of colors



**Range of colors:**



Blanco 100



Crema 125



Arena 225



Albero 175



Gamuza 425



Rojo 333



Verde 350



Gris 300

Colors shown are for guidance only

### PAVILAND® HS 25



Dry-mix concrete.

**Characteristics**

Masonry work in general, structures, pavings, and screeds. Restoration projects.

Yield  
± 22 kg/m<sup>2</sup> per cm of thickness

Packaging  
Color 25 kg plastic bag  
Range of colors



**Range of colors:**



Blanco 100



Albero 175



Gris 300



Rojo 333



Verde 350

Colors shown are for guidance only

### PAVILAND® ULTRA RÁPIDO



Dry, shrinkage compensating concrete for the fixation, support and reparation of elements that require high initial resistance and rapid opening to traffic.

**Characteristics**

Fixation of urban furniture. Road and industrial floors reparations. Filling and anchoring of road signs and similar. Excellent adhesion to concrete. Rapid opening to traffic (2-3 hours).

Yield  
25 kg/m<sup>2</sup> per cm of thickness

Packaging  
Color 25 kg bag  
Black





## DECORATIVE CEMENT-BASED PAVEMENTS

### PAVILAND® PLUS



Mortar for 5 to 20 mm stamped flooring with high abrasion resistance.

**Characteristics**

Can replace traditional flooring (cobblestone, natural stone, slate, and continuous floor systems). Especially recommended in places where it is not possible to pour concrete to create stamped concrete finishes and for repairing floors that are damaged or in poor condition.

Yield  
± 2 kg/m<sup>2</sup> per mm of thickness

Packaging 25 kg bag  
Color Range of colors



### PAVILAND® IMPRESO R



High resistance mortar for stamped flooring.

**Characteristics**

Applied over fresh concrete forms an abrasion resistant monolithic tread layer, achieving high mechanical resistance in a short period of time. Ideal to be used in a wide range of temperatures. High resistance to abrasion. Wide range of textures and colors.

Yield  
4 - 6 Kg/m<sup>2</sup>

Packaging 25 kg bag  
Color Range of colors



### PAVILAND® IMPRESO



Mortar for stamped flooring.

**Characteristics**

When applied on fresh concrete, it forms a large, uniform surface layer with high resistance to abrasion. The pleasant texture and stamping finish can replace traditional flooring (cobblestone, natural stone, slate, etc.).

Yield  
± 4-6 kg/m<sup>2</sup>

Packaging 25 kg bag  
Color Range of colors



**Range of colors for PAVILAND PLUS and PAVILAND STAMPED:**



Allows for a textured finish using molds and rollers.

Negro 200	Marengo 326	Acero 315	Gris 300	Blanco 100	Verde Oliva 361	Verde Oscuro 062	Perla 302	Amarillo 015
Albero 175	Ocre 150	Madera 400	Gamuzá 425	Terrano 118	Marrón 117	Salmón 500	Rojo 611	Teja 900
Rubi 254	Terracota 163	Marfil 222	Beige 172	Tabaco 120	Café 116	Colors shown are for guidance only.		

## PAVILAND® DESMOLDEANTE



Colored mold release powder.

Characteristics: Powder product especially indicated for use on stamped flooring to prevent molds from adhering to the floor surface and not properly transferring their texture.

Yield  
100 g/m<sup>2</sup>

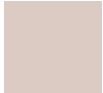
Packaging  
Color 15 kg bag  
Range of colors



Range of colors: Colors shown are for guidance only



Blanco 100



Crema 125



Roble 101



Corcho 402



Marrón 117



Rojo 611



Verde 060



Gris 300



Marengo 326



Negro 200

## PAVILAND® FIBRA



Polypropylene fiber.

Characteristics: Recommended for the majority of concretes and mortars to make them less susceptible to the formation of micro-fissures and cracking due to retraction.

Yield 600 g/m<sup>3</sup> of concrete

Packaging 600 g bag



## INDUSTRIAL CEMENT-BASED PAVEMENTS

### PAVILAND® INDUSTRIAL CR



Mortar for industrial flooring with high resistance to abrasion.

Characteristics: Applied over fresh concrete forms a monolithic tread layer with a high abrasion resistance. Easy cleaning. No superficial powder. Industrial buildings with heavy traffic. Weather resistant.

Yield  
± 4 kg/m<sup>2</sup> per 0.5 cm of thickness

Packaging  
Color 25 kg bag  
Range of colors



### PAVILAND® INDUSTRIAL MT



Mortar for industrial flooring with high resistance to impact.

Characteristics: Applied over fresh concrete forms a monolithic tread layer with a high impact resistance and point loads. High abrasion resistance. Easy cleaning. No superficial powder. Industrial buildings with heavy traffic. Warehouses with large point loads. Logistic warehouses. Parking areas of shopping centers. Weather resistant.

Yield  
± 4 kg/m<sup>2</sup> per 0.5 cm of thickness

Packaging  
Color 25 kg bag  
Range of colors



### PAVILAND® INDUSTRIAL



Mortar for industrial flooring.

Characteristics:  
Applied over fresh concrete to form an abrasion resistant monolithic tread layer.  
Industrial flooring use. High mechanical strength.

Yield  
± 4 kg/m<sup>2</sup> per 0.5 cm of thickness

Packaging  
Color 25 kg bag  
Range of colors



Range of colors  
PAVILAND INDUSTRIAL,  
MT and CR:



Gris 300



Rojo 611



Verde 060

Colors shown are for  
guidance only

## RESIN VARNISHES AND PAINTS



### PAVILAND® RESINA A10

Water-based resin floor finish.

**Characteristics**

Pure acrylic resin dispersion. Designed to be used as a finish on concrete flooring and stamped concrete flooring, protecting it from external agents by sealing the pores and providing a uniform and shiny appearance. It adheres very well to the ground surface and increases its cohesion.

Yield	Packaging	25 L Container
± 6-8 m <sup>2</sup> /L	Color	Colorless



### PAVILAND® RESINA A6

Water-based resin floor finish.

**Characteristics**

Pure acrylic resin dispersion. It can be used directly as a finishing layer on concrete flooring and stamped concrete flooring, protecting it from external agents by sealing the pores and providing a uniform and shiny appearance. It adheres very well to the ground surface and increases its cohesion.

Yield	Packaging	25 L Container
± 7-9 m <sup>2</sup> /L	Color	Colorless



### PAVILAND® RESINA A4

Water-based resin floor finish.

**Characteristics**

Styrenated acrylic resin dispersion with low water-absorption. Good resistance to alkali and yellowing effect, as well as great flexibility and durability in exteriors.

Yield	Packaging	25 L Container
± 8-10 m <sup>2</sup> /L	Color	Colorless



### PAVILAND® RESINA AC2

Curing resin floor finish.

**Characteristics**

Pure acrylic resin dispersion with low water-absorption. Liquid product suitable for curing concrete on courts, industrial flooring, and continuous flooring in general. Controls water evaporation, regulating the drying time and contributing to a slow curing process that increases the final mechanical strength. Promotes more durable surfaces and the maximum development of their hardness.

Yield	Packaging	25 L Container
± 8-12 m <sup>2</sup> /L	Color	Milky water



### PAVILAND® RESINA AP30

Water-based resin for the finishing of concrete pavements and asphalt agglomerate.

**Characteristics**

Coating based on acrylic resins in aqueous medium, combined with aqueous dispersions of polyurethane based on aliphatic polyesters for the finishing of concrete pavements and asphalt agglomerate in sports facilities. High covering performance. High resistance to abrasion. Anti-dust. Excellent resistance to weather conditions. Satin finish.

Yield	Packaging	25 and 200L containers
± 100-150 g/m <sup>2</sup> per layer	Color	Transparent whitish liquid





## PAVILAND® RESINA D24

Solvent-based resin floor finish.

### Characteristics

Designed to protect flooring. Composed of an acrylic copolymer dissolved in aromatic solvents. It hardens by the evaporation of the solvents and acts by penetrating and compacting the particles, increasing the cohesion of the interior and exterior flooring.

Yield  
± 8-10 m<sup>2</sup>/L

Packaging 25 L Container  
Color Colorless



## PAVILAND® RESINA D20

Solvent-based resin floor finish.

### Characteristics

Designed to protect flooring. Made with acrylic resins dissolved in aromatic solvents; has excellent hardness properties and resistance to ultraviolet rays. It hardens by the evaporation of the solvents and is especially recommended for varnishing interior and exterior concrete, bare stone, etc..

Yield  
± 7-9 m<sup>2</sup>/L

Packaging 25 L Container  
Color Colorless



## PAVILAND® RESINA D10

Solvent-based resin floor finish.

### Characteristics

Designed to protect flooring. Made with acrylic resins, with excellent hardness properties and resistance to ultraviolet rays, dissolved in aromatic solvents. It hardens by the evaporation of the solvents and is especially recommended for varnishing interior and exterior concrete, bare stone, etc.

Yield  
± 7-9 m<sup>2</sup>/L

Packaging 25 L Container  
Color Colorless



## PAVILAND® RESINA DC2

Curing resin for industrial flooring.

### Characteristics

For use during the concrete curing process to promote its maximum performance. Controls water evaporation, regulating the drying time and contributing to a slow curing process, which increases the final mechanical strength, achieving more durable surfaces and the maximum development of their hardness. It acts on the surface, creating a plastic seal capable of systematically preventing the formation of cracks and controlling surface retraction.

Yield  
± 10-12 m<sup>2</sup>/L

Packaging 25 L Container  
Color Colorless



## PAVILAND® TOP AC

Monocomponent acrylic resin-based paint with micronized fillers and pigments; used as a decorative layer and for the finishing and sealing of cement and concrete bases.

### Characteristics

Aesthetic finishing. Easy application. Excellent durability. Surface hardening of cement floorings. Seals and protects the treated surface. High resistance to ultraviolet rays: color does not fade. Solvent-free, water-based product. Storeroom floors. Indoor garages and outdoor parking areas with light traffic. Interior and exterior use.

Yield  
± 0.2–200 g/m<sup>2</sup> per layer

Packaging 5 and 20 kg containers  
Color Range of colors



## PAVILAND® TOP EPW



Bicomponent water-based epoxy-resin coating which hardens through chemical reaction and works when used on bases containing light residual moisture.

### Characteristics

Great adhesion to base material, including damp bases Easy application. Surface hardening of the substrate. Permeable to water vapour and resistant to numerous aggressive agents. Tools can be cleaned with water. Anti-dust effect. Garages. Warehouses. Chemical industry.

Yield	Packaging	5 (4.05+0.95) and 20 (16.20+3.80) kg containers
± 150–200 g/m <sup>2</sup> and layer	Color	Range of colors



## PAVILAND® TOP EP



Bicomponent, epoxy resin-based paint, providing a coat with high mechanical and chemical resistance, for concrete or mortar floors.

### Characteristics

Great adhesion to the base material. High resistance to abrasion. Very high chemical resistance to propellants, oil, grease, acid, etc. Easy to mix and apply. Surface hardening of the substrate. Industrial floor surfaces and warehouses. Garages. Laboratories. Chemical product factories.

Yield	Packaging	5 (4.1+0.9) and 20 (16.40+3.60) kg containers
± 150–200 g/m <sup>2</sup> and layer	Color	Range of colors



## PAVILAND® TOP PU



Bicomponent, aliphatic polyurethane-based paint, fast-drying and with high resistance to chemicals and abrasion. Gloss and matt finish.

### Characteristics

Excellent adhesion to concrete, mortar, epoxy resins and polyurethane resins. High resistance to abrasion. Very good resistance to chemicals. Surface hardening of the substrate. Highly scratch-resistant due to its toughness. High-quality industrial finishes. Chemical industry. Business premises. Sealant for epoxy resin floorings.

Yield	Packaging	5 (4.1+0.9) and 20 (16.40+3.60) kg containers
± 100–200 g/m <sup>2</sup> and layer	Color	Range of colors



## ACCESSORIES

## PAVILAND® ASFALTO EN FRÍO



Cold asphalt agglomerate.

### Characteristics

Once placed it presents the same properties as the traditional agglomerate of a tread layer. Durable, stable and flexible. Especially recommended to carry out reparations of deteriorated asphalted surfaces and patches. It is perfect as finishing of the tread layer in ditches, contour of culverts, manholes, etc., as well as for economic and rapid construction of access ramps.. It favors water drainage and prevents the sliding of the vehicles to avoid the accumulation of dust on its surface.

Yield	Packaging	25 kg buckets
± 25 kg/m <sup>2</sup> per cm of thickness	Color	Black



See anex



Hotel Protur. Mallorca.  
Traditem.





# RESTORATION LINE

## REPAIR MORTAR

Morcemrest SR 50 Q R4  
Morcemrest SR 50 R4  
Morcemrest Repair  
Morcemrest C 5 R3  
Morcemrest RF 15 R3  
Morcemrest RF 35 R3  
Morcemrest Obturador  
Morcemrest EF 50 R4  
Morcemrest MH R4  
Morcem Ultra Rápido  
Morcem Rápido R1  
Morcemseal Todo1 R4

## STRUCTURAL REINFORCEMENT

Lámina Carbotec  
Malla Carbotec  
Adhesivo Carbotec Lámina  
Adhesivo Carbotec Impregnante

## RESTORATION MORTARS

Morcemrest Mur CSII W2

## FILLING AND ANCHORAGE MORTARS

Morcem Grout 500 Plus  
Morcem Grout 500  
Morcem Grout 30

## WATERPROOFING

Morcem Elastic PM Membrana  
Morcem Elastic PM Aqua  
Morcem Elastic PM Acelerante  
Geotextil PU  
Morcem Elastic PM Barniz U.V  
Morcem Elastic PM Barniz U.V Aqua  
Morcem Elastic PM Barniz T.R  
Morcem Dry SF Plus  
Morcem Dry SF  
Morcem Dry F  
Morcem Dry R GP CSIV W2

## PRIMERS

Implarest EPW  
Implarest EP  
Implarest C

## MISCELLANEOUS

Morcemrest Epoxi T  
Membrana Elástica H Banda  
Morcem Renovex  
Pumafix-TQV  
Pumafix-TQP  
Pumalastic-MS  
Pumalastic-PU  
Morcemrest Anticarbonatación  
Malla Drypool



# Standards for repair mortars

## Normativa para morteros de reparación: UNE EN-1504

According to European Standard EN-1504, Products and systems for the protection and repair of concrete structures, the following can be defined:

- UNE-EN -1504-3: Structural and non-structural repair.
- UNE-EN -1504-2: Surface protection systems for concrete

### Specific characteristics:

Class	Compressive strength	Adhesive bond strength after cycles
R1	≥10Mpa	Visual inspection with no crack ≥0.1mm
R2	≥15Mpa	≥0.1mm ≥0.8 Mpa
R3	≥25Mpa	≥1.5 Mpa
R4	≥45Mpa	≥2 Mpa

- UNE-EN -1504-6: Anchoring of steel reinforcement (reinforcing bars)
- UNE-EN -1504-7: Reinforcement corrosion protection

### Classification of Grupo Puma's repair and restoration mortars

Class	Mortar
R1	Morcem Rápido
R3	Morcemrest C5 Morcemrest RF 15 Morcemrest RF 35 Morcemrest Fast 40
R4	Morcemrest SR 50Q Morcemrest SR 50 Morcemrest EF 50 Morcemrest Repair Morcemrest MH Morcemseal Todo1

## REPAIR MORTAR

### MORCEMREST® SR 50 Q R4



Class R4 mono - component high performance repair mortar suitable for large thicknesses with corrosion inhibitors.

**Characteristics**

Resistant to sulphates. High bonding strength and high elastic modulus High thixotropy. Perfect for applying onto ceilings. Water vapour permeable. Good resistance to chlorides. Resistant to freeze-thaw cycles. Retraction shrinkage is compensated to minimize risk of cracking. Resistant to carbonation. Weather resistant. Suitable for structural elements reparation such as: columns, bridge slabs, treatment plants, tunnels, pillars with heavy loads. General regeneration of concrete structures. Corrosion inhibitors chemically bond to steel. They reduce the speed of propagation of corrosion when compared to a standard mortar.

Yield  
± 2,2 kg/m<sup>2</sup> per mm of thickness

Packaging 25 kg bag  
Color Grey



### MORCEMREST® SR 50 R4



Class R4 mono - component high performance repair mortar suitable for large thicknesses.

**Characteristics**

Resistant to sulphates. High bonding strength and high elastic modulus High thixotropy. Perfect for applying onto ceilings. Water vapour permeable. Good resistance to chlorides. Resistant to freeze-thaw cycles. Retraction shrinkage is compensated to minimize risk of cracking. Resistant to carbonation. Weather resistant. Suitable for structural elements reparation such as: columns, bridge slabs, treatment plants, tunnels, pillars with heavy loads. General regeneration of concrete structures.

Yield  
± 2,2 kg/m<sup>2</sup> per mm of thickness

Packaging 25 kg bag  
Color Grey



### MORCEMREST® REPAIR R4



High resistance mono-component repair mortar, reinforced with fibre, suitable for thicknesses up to 50 mm.

**Characteristics**

High bonding strength and high elastic modulus High thixotropy. Perfect for applying onto ceilings. Water vapour permeable. Good resistance to chlorides. Resistant to freeze-thaw cycles. Retraction shrinkage is compensated to minimize risk of cracking. Resistant to carbonation. Weather resistant. Joints filling in concrete, prefabricated elements and dilatation joints. Suitable for structural elements reparation such as: columns, bridge slabs, treatment plants, tunnels, pillars with heavy loads. General regeneration of concrete structures.

Yield  
± 2,2 kg/m<sup>2</sup> per mm of thickness

Packaging 25 kg bag  
Color Grey



### MORCEMREST® c 5 R3



Mono-component repair and surface leveling mortar for layers of up to 5 mm.

**Characteristics**

Excellent adhesion, recommended for repairing and leveling damaged concrete surfaces, structures, pillars, and exterior walls. Excellent re-profiling/re-shaping properties. Water and weather resistant. Superficial and cosmetic repairs of all types of prefabricated tile and stone.

Yield  
± 2 kg/m<sup>2</sup>/mm per mm of thickness

Packaging 25 kg bag  
Color Grey



## MORCEMREST® RF 15 R3



High-strength mono-component repair mortar reinforced with fiber, for layers of up to 15 mm.

### Characteristics

Great adhesion, thixotropic, does not slip when applied on ceilings. Suitable for structural repairs of reinforced and pre-stressed concrete damaged by corrosion or other causes, filling joints between sections of concrete, prefabricated elements, and expansion joints.

Yield	Packaging	25 kg bag
± 2 kg/m <sup>2</sup> per mm of thickness	Color	Grey



## MORCEMREST® RF 35 R3



R3 mono-component repair mortar for medium resistance requirements.

### Characteristics

High adherence for bonding to concrete and average module. Thixotropic, no sagging on roof applications. Repairs to structural elements such as: balcony overhangs, roofs, car parks, beams / pillars on commercial and residential buildings, prefabricated panels, building façades.

Yield	Packaging	25 kg and 5 kg bag
± 2 kg/m <sup>2</sup> per mm of thickness	Color	Grey



## MORCEMREST® OBTURADOR



Fast-setting mortar for sealing leaks.

### Characteristics

For sealing leaky cracks in concrete and other cement-based surfaces. Urgent repairs in wet conditions. Anchorage and sealing projects that require quick implementation. Waterproofs surfaces. Almost immediate setting, even under water.

Yield	Packaging	5 kg bag
According to use	Color	Grey



## MORCEMREST® EF 50 R4



High-strength mono-component repair mortar reinforced with fiber, for thick layers of up to 50 mm.

### Characteristics

Great adhesion and resistance to freezing and thawing. Thixotropic, does not slip when applied on ceilings. Suitable for structural repairs of reinforced and pre-stressed concrete damaged by corrosion or other causes, regeneration of concrete, etc.

Yield	Packaging	25 kg bag
± 2 kg/m <sup>2</sup> /mm of tickness	Color	Grey



## MORCEMREST® MH R4



High-viscosity micro-concrete reinforced with fibers with high strength and balanced retraction.

### Characteristics

For repairs in areas that are difficult to access. For heavily reinforced repairs, always with timber or formwork. Excellent mechanical properties. Self-compacting. Does not require shaking. For 20 to 100 mm layers. Quick application. High quality finish.

Yield	Packaging	25 kg bag
± 2,3 Kg/m <sup>2</sup> /mm per mm of thickness	Color	Grey



## MORCEM® ULTRA RÁPIDO



Fast-setting binder.

### Characteristics

Designed as a setting and hardening regulator for making fast-setting mortars with high strength and dimensional stability. Application as pure paste or mixture. Adjust setting by addition of retarder.

Yield	Packaging	25 kg and 5 kg bag
According to use	Color	Grey



## MORCEM® RÁPIDO R1



Fast-setting fast-hardening repair mortar.

**Characteristics**

High performance and finish. For anchoring door and window frames. Small repairs to concrete structures. For securing lids, drains, manholes, etc.

Yield  
According to use

Packaging 20 kg bag  
Color Grey



## MORCEMSEAL® TODO 1 R4



Thixotropic mortar of high strength, with fiber for concrete repair and protection, based on nano-silane technology.

**Characteristics**

Structural concrete repair , floor slabs repair , cantilevers, balconies, decorative elements, cornices, aesthetic repairs, ramps, etc. Great adhesion to concrete and corrugated steel. Fast-setting. Paintable after 4 hours. Thixotropic, without detach in ceilings application. Permeable to water vapor. Good resistance to chlorides. Resistant to freezing-thawing cycles. Compensated retraction to minimize cracking risk. High resistance to carbonation. Weather-resistant. Concrete regeneration.

Yield  
± 1,7 kg/m<sup>2</sup> per mm of thickness

Packaging 25 kg bag  
Color Grey



## STRUCTURAL REINFORCEMENT

### LÁMINA CARBOTEC



Laminates manufactured from carbon fiber fabrics in an epoxy resin matrix.

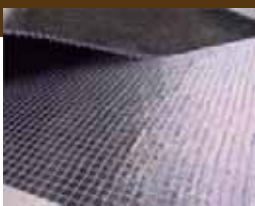
**Characteristics**

Great design freedom Clear advantages over steel plates, in certain applications. It can be applied to beams, columns, floors and concrete walls. Durable reinforcement against flexural deformations, both positive and negative. Lightweight and flexible reinforcement in wooden beams. Does not require heavy machinery. Resistant to corrosion: does not require additional treatment. Low aesthetic impact Only high quality fibers are used in the manufacturing. Two types of extruded sheets are available: with a modulus of elasticity 170 GPa (normal ones) and of 200 GPa.

Yield  
Consult technical data sheet

Packaging 150m rolls or cut, according to requirements.  
Color Black

### MALLA CARBOTEC



High resistance carbon fiber fabric for structural reinforcement.

**Characteristics**

Increase of resistance and ductility in columns. Increase in axial load enveloping the column. Only high quality fibers are used in manufacturing. Great design freedom Clear advantages over steel plates, in certain applications. It can be applied to beams, columns, floors and wooden walls as well as to concrete ones. Durable reinforcement against flexural deformations, both positive and negative. Lightweight and flexible: Does not require heavy machinery. Resistant to corrosion: does not require additional treatment. No difficulty in connections or transitions. Lower risk of buckling. Low aesthetic impact.

Yield  
Consult technical data sheet

Packaging Rolls: 300 or 600 mm wide x 150 and 100 m long.  
Color Black

### ADHESIVO CARBOTEC LÁMINA



Two-component epoxy resin free of solvents.

**Characteristics**

Great adhesion to all types of substrates, even without primer and great resistance to abrasion.

Uses: As a carbon fiber sheet adhesive for structural reinforcement, as an adhesive for steel plates.

Excellent adhesion: exceeds the coherence of the support. Fast curing. High resistance to wear and impact. No retraction during the curing process. High resistance. Easy to mix and apply

Yield  
Consult technical data sheet

Packaging 5 kg kits  
Color Grey

## ADHESIVO CARBOTEC IMPREGNANTE



Bicomponent Epoxy resin, solvent-free, transparent, formulated with an amine hardener.

### Characteristics

Resin that thanks to its capacity of impregnation and thixotropy allows to adhere MALLA CARBOTEC on the elements of concrete, reinforced concrete or masonry. The adhesion to the concrete overcomes the cohesion of the material. Very good resistance to wear and impact. No retraction during the curing process. High resistance. Highly thixotropic, no drip. Once cured resistant to: bases, diluted acids, mineral and aliphatic oils, saline solutions. Resistant to temperature changes in the range of -30° C to + 80° C in dry exposure and higher than + 40° C in wet exposure.

Yield	Packaging	6 kg kits
Consult technical data sheet	Color	Colorless

## RESTORATION MORTARS

### MORCEMREST® MUR CSII



Porogenic mortar for removing moisture in skirting boards (baseboards) by capillary action

### Characteristics

Drainage of materials and surfaces that undergo capillary action. Reduces the emergence of salts. Highly breathable; facilitates water evaporation. Surfaces: brick, stone, concrete, traditional substrates. Do not coat with non-breathable materials (plastic paints, enamels, stone, ceramics...).

Yield	Packaging	25 kg bag
± 12 Kg/m <sup>2</sup> per cm of thickness	Color	White



## FILLING AND ANCHORAGE MORTARS

### MORCEM GROUT® 500 PLUS



Very high-strength mortar for filling and precision anchorage. Layers of up to 500 mm.

### Characteristics

Extremely high-strength mortar. Impermeable to water, oil, grease, and petroleum-based products. Free of substances that damage concrete and steel. Suitable for filling bedplates of large machinery, reinforcing concrete elements (pillars and beams), anchoring crane rails and crane bridges, leveling supports and bridges, etc.

Yield	Packaging	25 kg bag
± 2 Kg/m <sup>2</sup> per mm of thickness	Color	Grey



### MORCEM GROUT® 500



Mortar for filling and precision anchorage. Layers of up to 500 mm.

### Characteristics

Mortero de altas resistencias. Impermeable al agua, aceites, grasas y derivados del petróleo. Libre de sustancias agresivas para el hormigón y para el acero. Indicado para rellenos de bancadas de maquinarias, anclajes de maquinarias, nivelación de apoyos y puentes, anclajes y pernos...etc.

Yield	Packaging	25 kg bag
± 2 Kg/m <sup>2</sup> per mm of thickness	Color	Grey



### MORCEM GROUT® 30



Mortar for filling and precision anchorage. Layers of up to 30 mm.

### Characteristics

High-strength, self-leveling mortar with no retraction. Impermeable to water, oil, grease, and petroleum-based products. Free of substances that damage concrete and steel. Suitable for filling machinery bedplates, anchoring machinery, pillars and prefabricated elements, leveling supports and bridges, anchorages and bolts, etc.

Yield	Packaging	25 kg bag
± 2 Kg/m <sup>2</sup> per mm of thickness	Color	Grey



## WATERPROOFING



### MORCEM® ELASTIC PM MEMBRANA

Elastomeric membrane for waterproofing coverings.

**Characteristics**

Easy application system: liquid application (one-component liquid polyurethane). Suitable for bridging cracks. Seamless elastomeric membrane system. High performance on large surface areas. Requires primer IMPLAREST® EPW.

Yield	Packaging	6,25 kg cans
1,5 Kg/m <sup>2</sup> a 2 Kg/m <sup>2</sup> (thickness 1.1 to 2 mm)	Color	Red, white, grey and brick red



### MORCEM® ELASTIC PM AQUA

Mono-component elastic liquid membrane.

**Characteristics**

Easy to apply (roller or airless). Water-based. Applied in a seamless membrane format, which avoids the possibility of leaking. Water resistant. Frost/ice resistant. Bridges cracks. Maintains its mechanical properties in temperatures from -40°C to +90°C. Water vapor permeable. The waterproofed surface can be walked on Low VOC content (< 100 gr./lt.). For waterproofing roofs, balconies and terraces. For waterproofing wet areas (under brickwork) in bathrooms, kitchens, etc. Protection of polyurethane foam. Waterproofing and protecting concrete structures.

Yield	Packaging	20 and 3.75 kg cans
1.4 - 2 kg/m <sup>2</sup>	Color	Red, white, grey and brick red



### MORCEM® ELASTIC PM ACELERANTE

Curing accelerator.

**Characteristics**

Accelerator for polyurethane elastic membrane MORCEM® ELASTIC PM.

Yield	Packaging	1 kg can
6 kg membrane: 240 g/ 25 kg membrane: 1 kg	Color	Transparent



### GEOTEXTIL PU

Non-woven polyester fabric.

**Characteristics**

non-woven polyester fabric of 100 / 50 grams, developed with "H2O technology", used for reinforcing "Morcem Cover" systems. Easy to apply. High resistance. Resistant to UVA rays. Increases cohesion of Morcem Elastic PM membrane.

Yield	Packaging	Rolls (1 x 100) m, (0.5 x 100) m. and (0.2 x 100) m
According to use.	Color	White



### MORCEM® ELASTIC PM BARNIZ U.V.

Mono-component, pigmented, aliphatic varnish.

**Characteristics**

UVA stable, highly elastic, applied and dried cold and used to protect polyurethane membranes. It dries by reacting with the floor and air humidity. It protects effectively, especially if it is given a dark finish. Used on Morcem Elastic PM on surfaces with light pedestrian traffic which require a glossy finish. Stable color. Does not turn yellow.

Yield	Packaging	10 and 5 kg cans
± 120-250 g/m <sup>2</sup> in 1 or 2 layers.	Color	Red, white, grey and brick red





## MORCEM® ELASTIC PM BARNIZ U.V. AQUA

Mono-component, liquid varnish, 100% water-based polyurethane.

### Characteristics

Easy to apply (roller or airless). Water-based. Resistant to abrasion and extreme weather conditions. Stable color. Easy to clean surface. Does not show the chalking effect of aromatic polyurethane waterproofing coatings. Water resistant

Maintains its mechanical properties in temperatures from -30°C to +80°C. Low VOC content (< 100 gr./lt.). Frost/ice resistant. Finish varnish for coatings waterproofed with Morcem Elastic PM Aqua.

Yield  
0,2 – 0,4 Kg. /m<sup>2</sup>

Packaging 20 and 4 kg cans  
Color Red, white, grey and brick red



## MORCEM® ELASTIC PM BARNIZ T.R.

Mono-component pigmented polyurethane membrane

### Characteristics

Resistant to UVA rays, applied and dried cold and used to protect other waterproof membranes excessively exposed to inclement conditions. It dries by reacting with the floor and air humidity. It can be applied on Morcem Elastic PM, on surfaces with intense pedestrian traffic and light car traffic.

Yield  
± 400-600 g/m<sup>2</sup> in 2 layers

Packaging 10 kg can  
Color Red, white, grey and brick red



## MORCEM® DRY SF PLUS

Two-component additivated waterproofing mortar.

### Characteristics

waterproofing in exteriors and interiors of structures of concrete, mortar and concrete block exposed to positive pressure, such as deposits, ponds, tanks, swimming pools, sources. Protection of surfaces exposed to the action of freeze and meltwater: cantilevers, balconies, cornices, ornamental elements. Can be tiled with ceramic pieces with PEGOLAND® FLEX. Paintable with an elastomer paint or acrylic mortars: range MORCEMCRIL. Resistant to freeze-thaw cycles.

Yield  
± 2 kg/m<sup>2</sup> per 2 mm of thickness

Packaging 26 kg (20 kg powder + 6 kg latex) kit  
Color Grey



## MORCEM® DRY SF

Mono-component semi-flexible waterproofing mortar.

### Characteristics

For waterproofing small areas of up to 5-6 m<sup>2</sup> exposed to low negative pressure (up to 1 bar), such as bathrooms, showers, small fountains, and wet environments, before tiling. Interior use. Easy to apply.

Yield  
± 4 kg/m<sup>2</sup> per 2 mm of thickness

Packaging 5 kg bag  
Color White



## MORCEM® DRY F

Two-component flexible waterproofing mortar.

### Characteristics

Does not alter the drinkability of water. Remains flexible. Suitable for waterproofing water tanks, ponds, swimming pools, fountains, basements, underground car parks, lift (elevator) shafts, tunnels, etc. For waterproofing external walls on foundation structures. Repair and protection of surfaces exposed to freezing and thawing conditions, surfaces susceptible to movement, with positive and negative hydrostatic pressures, etc.

Yield  
± 1,5 kg/m<sup>2</sup>/mm (powder + liquid)

Packaging 27,8 kg kit: 20 bag of powder + 7,8 can of liquid  
Color Grey



## MORCEM® DRY R GP CSIV W2



Rigid waterproofing mortar.

**Characteristics**

Mortar with special additives for watertight coverings. For waterproofing water tanks, ponds, swimming pools, fountains, basements, underground car parks, lift (elevator) shafts, tunnels, etc. Does not alter the drinkability of water.

Yield  
± 8 kg/m<sup>2</sup> por 5 mm of thickness

Packaging 25 kg bag  
Color White, Grey



## PRIMERS

### IMPLAREST® EPW



Two-component water-based epoxy primer/ bonding bridge for preparing damp and dry surfaces.

**Characteristics**

Primer suitable for new and old substrates; apply before repairing cement-based, elastomeric, or epoxy coating. Water-based. Excellent adhesion and consolidation of the surfaces. Fast application and curing process. Deep penetration capacity.

Yield  
± 250 - 350 gr/mm<sup>2</sup>

Packaging 4 kg kits: 3 kg component A + 1 kg component B  
Color Transparent



### IMPLAREST® EP



Epoxy 100% solid, two-component adhesive, specially formulated for bonding of new and old concrete.

**Characteristics**

Suitable for all types of screeding on horizontal surfaces (floors) as well as vertical surfaces (walls) and ceilings. Joints between hardened and fresh concrete, provides monolithic joining of the two elements. Good mechanical resistance on the joint. Structural reinforcing through bonding between fresh concrete over hardened concrete. Excellent bonding and consolidation of the substrate. Fast application and curing. High penetration capacity. High efficiency even on surfaces with some humidity. Contains no solvents.

Yield  
according to substrate rugosity

Packaging 5 kg kits (4.150 kg + 0.850 kg)  
Color Beige



### IMPLAREST® C



Cementitious anti-corrosion mono-component primer, modified with polymers for protecting reinforcement.

**Characteristics**

ECorrosion protection for steel reinforcements from the Morcemrest restoration system, in compliance with EN 1504-7. This product can be combined with other repair mortars from the Morcemrest range. When mixed with water a grout is obtained which is applied to the previously cleaned steel. Due to its high pH level Implarest C creates a passivation layer on the surface of the reinforcement, halting the corrosion process. Implarest C is a corrosion protector classified in compliance with EN 1504-7.

Yield  
According to use

Packaging 1 kg bucket  
Color Gris





## MISCELLANEOUS

### MORCEMREST® EPOXI T



Multipurpose two-component thixotropic epoxy adhesive.

**Characteristics**

Multipurpose adhesive. High chemical resistance. Excellent adhesion on various construction materials. For filling small stable cracks and superficial holes.

Yield	Packaging	1kg kits: 0.75kg component A + 0.25kg component B
According to use	Color	Grey



### MEMBRANA ELÁSTICA H BANDA



Expansion joint sealing system (MORCEMREST EPOXY T + ELASTIC MEMBRANE H)

**Characteristics**

Membrane for waterproofing and sealing joints, highly expanded joints, and repairing joints between buildings. Application on wastewater treatment plants, swimming pools, tanks, joints with a lot of movement. High elasticity. Freedom of movement in every direction. Adheres with MORCEMREST® EPOXY T.

Yield	Packaging	20 m roll
According to use	Color	Grey



### MORCEM® RENOVEX



Paste for repairing vertical surfaces.

**Characteristics**

Suitable for repairing vertical surfaces, such as plastic, paint (except silicate and polyurethane), concrete, stucco, mortar or ceramic plaster. Ready-to-use. Can be applied on both interior and exterior surfaces. Renovates an old surfaces without the need for removing them.

Yield	Packaging	25 kg bucket
± 3-4 kg/m <sup>2</sup>	Color	White



### PUMAFIX TQP



Two-component and fast curing Injection resin for anchorage. Vinylester based.

**Characteristics**

Chemical bonding of horizontal and vertical anchors. Suitable for wet and dry substrates. Indoor and outdoor application. Suitable for solid and hollow substrates. Anchoring machinery. Anchoring bars, bolts, rods, plates. Fixing doors, railings, blinds, awnings, signs, aerials. For concrete, stone, brick or hollow concrete substrates. For assembling prefabricated concrete elements. Excellent mechanical resistance. Fast curing. Thixotropic, for both vertical and horizontal use.

Yield	Packaging	300 ml ready to be used cartridges
According to use		Suitable for application with a manual applicator gun
	Color	Grey



### PUMAFIX TQP



Two-component and fast curing Injection resin for anchorage,. Polyester based.

**Characteristics**

Chemical bonding of horizontal and vertical anchors. Suitable for solid and hollow substrates. Styrene-free; low odour. Easy extrusion and injection. Thixotropic, can be applied either horizontally or vertically. Fast curing. For use on concrete, bricks and concrete masonry units in a wide range of applications: bonding doors, railings, balustrades, Persian blinds, awnings, aerials, signs, cable tray channelling, industrial machinery.

Yield	Packaging	300 ml ready to be used cartridges
According to use		Suitable for application with a manual applicator gun
	Color	Grey



## PUMALASTIC MS



Hybrid polymer-based high-performance one-component elastic filler.

### Characteristics

For sealing perimeter joints, expansion joints, work joints... Contains fungicides. Suitable for bathroom fittings and joints. Excellent UV resistance; does not turn yellow. Does not stiffen over time. High elasticity. Excellent adhesion on a wide variety of materials (construction materials, wood, PVC, glass, aluminum...). Can cure when moisture is present (even under water).

Yield

Packaging 290 ml injection cartridges, ready-to-use.  
Suitable for application with a manual applicator gun.

Color Range of colors



### Range of colors:



Blanco



Beige



Terracota



Gris



Negro

Colors shown are for guidance only.

## PUMALASTIC PU



Polyurethane filler for bonding and sealing joints.

### Characteristics

For sealing perimeter joints, expansion joints, work joints... Adhesion without the use of primer on typical surfaces. Flexible. Can bond porous construction materials.

Yield  
According to use

Packaging 300 and 600 ml cartridges, ready-to-use.  
Suitable for application with a manual applicator gun.

Color Range of colors



### Range of colors:



Blanco



Beige



Terracota



Gris



Negro

Colors shown are for guidance only.

## MORCEMREST® ANTICARBONATACIÓN



Matte smooth coating based on acrylic copolymers.

### Characteristics

Indicated for the protection and decoration of facades executed with traditional construction materials (concrete, cement, brick, etc.), giving the support an excellent resistance to the most adverse weather conditions, thus obtaining a top quality finish. Preserves the concrete structures of the degradation caused by atmospheric agents as well as facades, prefabricated elements, beams, pillars, etc.

Yield  
± 6-8m<sup>2</sup>/l

Packaging 15L buckets  
Color Range of colors



## MALLA DRYPOOL



Mesh made of double weave threads, essential for the reinforcing.

### Characteristics

Recommended in the application of swimming pool waterproofing systems as Drypool. Gives the system great resistance and stability, and prevents the appearance of cracks caused by temperature differences or movements.

Yield  
According to use

Packaging 1m x 50m rolls.  
Color White







# LIGHTWEIGHT RESTORATION



CORKLAND  
MORCEMLITE 6 Hormigón ligero  
MORCEMLITE 12 Solera ligera  
MORCEMLITE 14 Hormigón estructural ligero  
ARCILLA EXPANDIDA

## SCREEDS



### CORKLAND® CT C12 F3

Screed mortar. Light fast curing mortar for floor underlayments of up to 5 cm.

#### Characteristics

For screeding and reinforcing systems. Lightweight and fast-drying. Easy to level with a simple smoothing (troweling) process. Provides additional impact noise insulation. Can be reinforced with a mesh. Suitable for its application with a mortar pump. Low density, which makes it ideal for restoring old flooring systems. Layer thickness of up to 5 cm in a single application.

**Yield**  
± 13,5 kg/m<sup>2</sup> per cm of thickness

**Packaging** 25 kg bag  
**Color** Grey



## PREMIXED



### MORCEMLITE 6 HORMIGÓN LIGERO

Lightweight insulation concrete with closed-cell structure.

#### Characteristics

Covers: Lightweight and insulation on flat and sloping roofs (max 15%) with direct placement of the waterproofing sheet. Lightweight and insulating reinforced concrete in renovation and new construction works. Lightweight insulating screeds for the posterior installation of any type of stoneware or ceramic flooring.

**Yield**  
10.50 l/m<sup>2</sup> per cm of thickness

**Packaging** 25 L bag  
**Color** -



### MORCEMLITE 12 SOLERA LIGERA

Lightweight semi-dry and insulating fast-drying mortar.

#### Characteristics

Fast-drying lightweight screeds for all types of floors, even if they are sensitive to humidity (parquet, etc.). Floating screeds on acoustic impact insulation sheets. Lightweight and insulated reinforced slabs in new construction or rehabilitation works. Slab insulation complement. Sloping and flat roofs with direct application of the waterproofing membrane. Application thickness between 40 and 100 mm.

**Yield**  
11,75 l/m<sup>2</sup> per cm of thickness

**Packaging** 25 L bag  
**Color** -



### MORCEMLITE 14 HORMIGÓN ESTRUCTURAL LIGERO

Lightweight structural insulation concrete.

#### Characteristics

Lightweight mixed or collaborative concrete slabs both in new construction and in rehabilitation. Reduction of thermal bridges in facades, slabs, balconies, pillars, lintels, jambs, perimeter beams of supporting walls (in seismic rehabilitation) and pillars, stairs, etc. In any part of the work where good qualities of lightness and resistance are required as well as a high thermal resistance of the constructive solution. The product due to its low density and flexibility of use is particularly suitable for rehabilitation. Minimum application thickness: 5 cm

**Yield**  
11,75 l/m<sup>2</sup> per cm of thickness

**Packaging** 25 L bag  
**Color** -



### ARCILLA EXPANDIDA – EXPANDED CLAY



Lightweight, resistant, insulating and organic aggregate. It optimizes the weight/strength relation.

#### Characteristics

Lightweight screeds in slabs, flat and sloped roofs, insulated screeds on the ground and fill for gardening.

Yield

-

Packaging

Color

50 L bags available in coarse and fine grain

-







# ADDITIVES AND PRIMERS

## ADITIVOS

Compac Puma  
Antisalmor  
Plasmor  
Airemor  
Frimor

## IMPRIMACIONES

Impladur  
Impermor  
Implafix  
Texturefix -120  
Texturefix Plus  
Fijamor

## VARIOS

Protecmor  
Desmor



## ADDITIVES

### COMPAC PUMA



Multipurpose latex for mortars.

#### Characteristics

For waterproofing plaster on walls, wells, basements, ceilings, and roofs. Add to cement, lime, plaster, and marble and natural granite aggregate wall coatings. Provides mortars with enhanced adhesion, elasticity, compressive strength, and resistance to flexotraction. Can be used as a bonding bridge between mortars, as a special bond, and as extra adhesive for many different materials. Mix with any type of water-based paint. For grouting with elastic mortars and other special mortars.

**Yield**  
According to use

**Packaging**  
25, 1 L container



### ANTISALMOR



Primer for removing and preventing the appearance of efflorescence caused by saltpeter on typical construction site facings.

#### Characteristics

Great surface penetration. Salt-dissolution capacity. Hinders the crystallization of salts on treated surfaces. Capable of joining particles that are loose or lightly bonded.

**Yield**  
According to use

**Packaging** 25, 5, 1 L container  
**Color** Transparent



### PLASMOR



Plasticizer for mixes.

#### Characteristics

For building walls with bricks, blocks, etc. (mortars 1:7 to 1:9) and applying rendering and plastering mortar (mortars 1:4 to 1:6). Improves the workability of the mortars without the need for adding lime. Produces micro-bubbles that lubricate the mortar. Increases yield by increasing the mortar volume by 10% to 15%. Increases the adhesion of the mortar and gives it greater resistance to the freeze-thaw cycle.

**Yield**  
According to use

**Packaging**  
25, 5, 1 L container



### AIREMOR



Air entrainment for mortars.

#### Characteristics

For building walls with bricks, blocks, etc. (mortars 1:7 to 1:9) and applying rendering and plastering mortar (mortars 1:4 to 1:6). Improves the workability of the mortars without the need for adding lime. Produces micro-bubbles that lubricate the mortar. Reduces the amount of mixing water. Improves the mechanical strength by reducing the water to cement ratio.

**Yield**  
According to use

**Packaging**  
25, 5, 1 L container



### FRIMOR



Liquid antifreeze for mortars.

#### Characteristics

For making mortar in cold weather. Reduces the freezing point of water, decreasing the risk of ice crystals forming. Speeds up the setting time in low temperatures and increases the material's resistance to the freeze-thaw cycle. Improves the mechanical strength of the concrete or mortar.

**Yield**  
According to use

**Packaging**  
25, 5, 1 L container



## PRIMERS



### IMPLADUR

Hardening primer.

**Characteristics**

Solvent-based product with polyurethane resins. For securing substrates prone to disintegration. Apply before the one-coat mortar, adhesive mortar, leveling mortar...

**Yield**  
Primer: 150-200 ml/m<sup>2</sup>

**Packaging**  
20, 5 L can



### IMPERMOR

Colorless water repellent.

**Characteristics**

For waterproofing exterior walls constructed with absorbent materials of mineral origin. Excellent water-repellent properties and high capacity for penetration. High resistance to alkali. Dry finish is non-sticky and completely colorless. Anti-mold version also available.

**Yield**  
According to use

**Packaging**  
20, 5, 1 L can / Anti-mold 20 L can



### IMPLAFIX

Mortar bonding bridge.

**Characteristics**

Helps anchor cement-based and/or lime-based mortars to concrete surfaces that are smooth or have no surface absorption. For use on interior and exterior walls and ceilings.

**Yield**  
Primer: ± 0,3 kg/m<sup>2</sup> (undiluted)

**Packaging**  
20, 5 L can



### TEXTUREFIX - 120

Primer/ bonding bridge for texture mortars.

**Characteristics**

Recommended as a primer on horizontal and vertical surfaces before applying our texture mortars PAVILAND PLUS and MORCEM TEXTURE, or before any stamped, repaired, or polished mortar in general.

**Yield**  
8-10 m<sup>2</sup>/L

**Packaging** 25, 5, 1 L container  
**Color** Milky



### TEXTUREFIX PLUS

Primer/bonding bridge for texture mortars.

**Characteristics**

TEXTUREFIX PLUS is especially recommended for its use as a primer before applying our stamped mortars PAVILAND PLUS, leveling pastes NIVELAND (horizontal substrates) and MORCEM TEXTURE (vertical substrates) and generally any type of stamped, repair, or polished mortar, etc. As a primer on anhydrite substrates, prior to applying cement-based adhesives.

**Yield**  
6-8 m<sup>2</sup>/L

**Packaging** 25, 5 L container  
**Color** Milky



## FIJAMOR



Paint Sealant.

**Characteristics**

Helps anchor paint, especially on plaster and perlite facings and old surfaces. Small particle emulsion that creates a cohesive finish.

**Yield**  
Primer : 6-8 m<sup>2</sup>/L depending on surface

**Packaging** 25, 5 L container  
**Color** Milky



## MISCELLANEOUS

## PROTECMOR



Temporary sealant.

**Characteristics**

To be applied before filling the joints with Morcemcolor. Protects glazed and unglazed ceramic surfaces from possible pigment stains and makes it easier to clean the joint. To be applied only on the surface of the tile or slab, avoiding the joint.

**Yield**  
Primer: 1 ± 0,5 L per m<sup>2</sup>

**Packaging**  
5, 1 L container



## DESMOR



Cement descaler.

**Characteristics**

For removing any adhesive, plaster, paint, and cement stucco residue from cement surfaces. For cleaning ceramic surfaces and flooring. Can be applied "as is" or diluted in water.

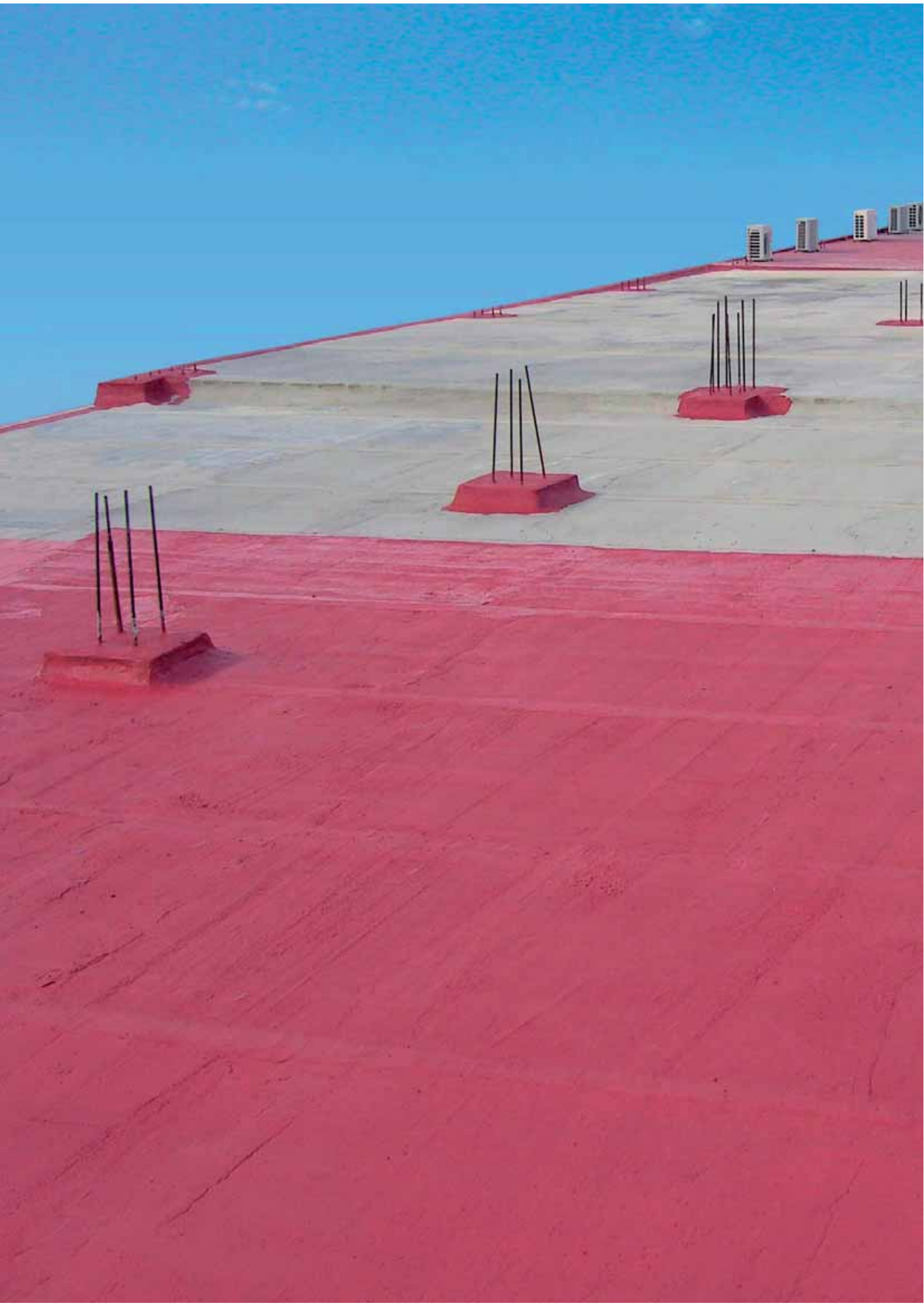
**Yield**  
According to use

**Packaging**  
25, 5, 1 L container



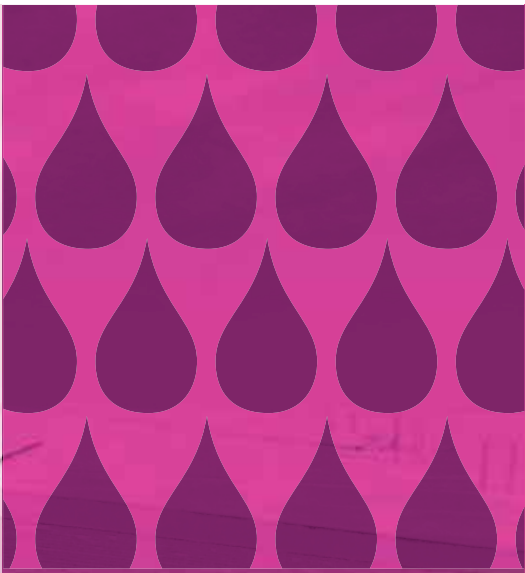


Ciudad de la Cultura. Galicia.  
Pegoland.





# ACRYLIC RUBBER



Pumaflex Fibrado  
Pumaflex  
Mallaflex  
Morcem Antigoteras



## PUMAFLEX FIBRADO

Acrylic fibred rubber for waterproof coating.

### Characteristics

Waterproofing coating with high elasticity and flexibility. It is used as a coating on horizontal surfaces to which it provides continuous coverable capable of preventing water seepage and the consequent problems resulting from dampness. It is a coating that completely adheres to the surface, with high flexibility, elasticity and mechanical strength, excellent durability and very low residual tack of the dry film.

**Yield**  
± 1 - 1,2 L/m<sup>2</sup>

**Packaging** 15, 4L bucket  
**Color** White, red, grey and terracotta



## PUMAFLEX

Acrylic rubber for waterproof coating.

### Characteristics

For waterproofing cover surfaces and repairing old waterproofing jobs; compatible with fiberglass reinforcements. Covers the surface, adhering completely, with high flexibility and elasticity. Withstands exterior weather conditions and maintains its properties for an extended period of time. Version with fiber also available.

**Yield**  
0,8 - 1,2 L/m<sup>2</sup>

**Packaging** 15, 4, 0,75L bucket  
**Color** White, red and terracotta



## MALLAFLEX

Fiberglass veil cloth.

### Characteristics

Especially designed for waterproofing in situ using a sandwich structure. Application between two layers of Pumaflex acrylic rubber.

**Yield**  
According to use

**Packaging**  
50, 25 m2 rolls



## MORCEM® ANTIGOTERAS

High elasticity and flexibility waterproofing coating.

### Characteristics

Excellent water tightness to water and liquids in general. Waterproof to rain water. Strong resistance to traction and elongation to breakage. Good product homogenization and easy application. Resistant to weathering and ultraviolet rays. Remarkable resistance to abrasion. Good fissure filling and resistant

**Yield**  
1,2 - 1,5 L/m<sup>2</sup>

**Packaging** 15 L bucket  
**Color** White, red, grey and terracotta





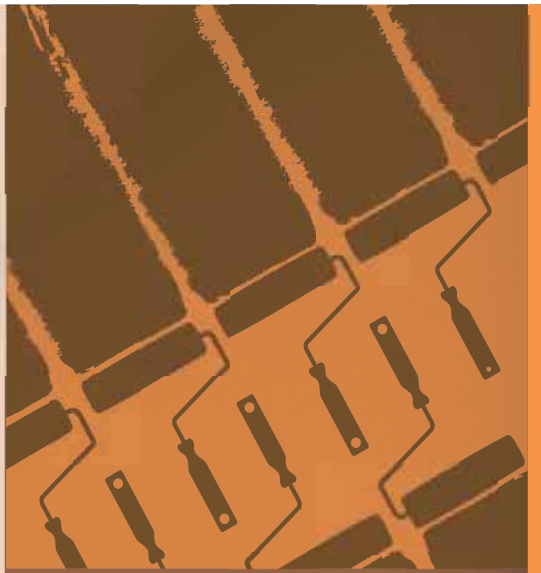
Planta Biodiesel. Jaen.  
Morcemrest, Morcemgrout.







# PAINTS



Pumaplast  
Pumaplast lista al uso

Pumacril Revestimiento Silicato  
Pumacril Revestimiento Elastómera  
Pumacril Revestimiento Fachada  
Pumacril Revestimiento Pétreo

Pumacril Decoración Satinada  
Pumacril Decoración Mate

Pumacril Profesional Deportiva  
Pumacril Profesional Interior/Exterior  
Pumacril Profesional Interior



## PUMAPLAST®

Powder filler to plaster, smooth, fill cracks, grooves, holes, etc. Perfect for plastering textured plastic paint surfaces.

### Characteristics

For general interior use on surfaces like: plaster, drywall/plasterboard, mortars, concrete, old paint jobs, etc. Fine, hard, very white finish. Suitable for receiving any type of plastic paint, wallpaper, etc. Easy to prepare and apply with a trowel or spatula. Easy and quick to sand down. Reduces surface absorption, increasing the yield of the paint.

**Yield**  
15 m<sup>2</sup>/kg per mm of thickness

**Packaging** 15 kg bag  
**Color** White



## PUMAPLAST® LISTA AL USO

Ready-mixed putty for the coating and smoothing of rough surfaces preparing them for the decoration layer.

### Characteristics

Smoothing of plastified popcorn textured surfaces, textured supports, raised bottoms and rough surfaces. Excellent workability, whiteness and hardness. Excellent covering capability. Allows a wet-on-wet application. Easy sanding and minimum loss. Manual or mechanical application.

**Yield**  
± 1 kg/m<sup>2</sup> per mm of thickness

**Packaging** 5 and 20 kg buckets  
**Color** White



## PUMACRIL® REVESTIMIENTO SILICATO

Breathable plastic coating.

### Characteristics

Covering and protective paint for vertical walls, highly breathable. Particularly suitable for restoration of façades and other mineral surfaces. Provides a matt finish to painted surfaces.

**Yield**  
4-6 m<sup>2</sup> / L

**Packaging** 15L buckets  
**Color** white / consult range of colors available



## PUMACRIL® REVESTIMIENTO ELASTÓMERA

Elastomeric plastic coating.

### Characteristics

For façades with small cracks. For interior and exterior use. Resistant to aging; provides great coverage. Excellent adhesion to all typical construction surfaces: cement mortars, plasters, etc. Washable and resistant to damp rubbing. Highly waterproof.

**Yield**  
8-9 m<sup>2</sup> / L

**Packaging** 15, 4L buckets  
**Color** White



## PUMACRIL® REVESTIMIENTO FACHADA

Plastic coating for exterior wall surfaces.

### Characteristics

Especially designed for façades. Waterproof and self-cleaning with rainwater. Strong anti-mold and anti-mildew effect. Resistant to aging; provides great coverage. Excellent adhesion to all typical construction surfaces: cement mortars, plaster, etc. Washable and resistant to damp rubbing. Matte finish.

**Yield**  
9-10 m<sup>2</sup> / L

**Packaging** 15,4 L buckets  
**Color** White





## PUMACRIL® REVESTIMIENTO PÉTREA

Smooth stone coating for exteriors.

### Characteristics

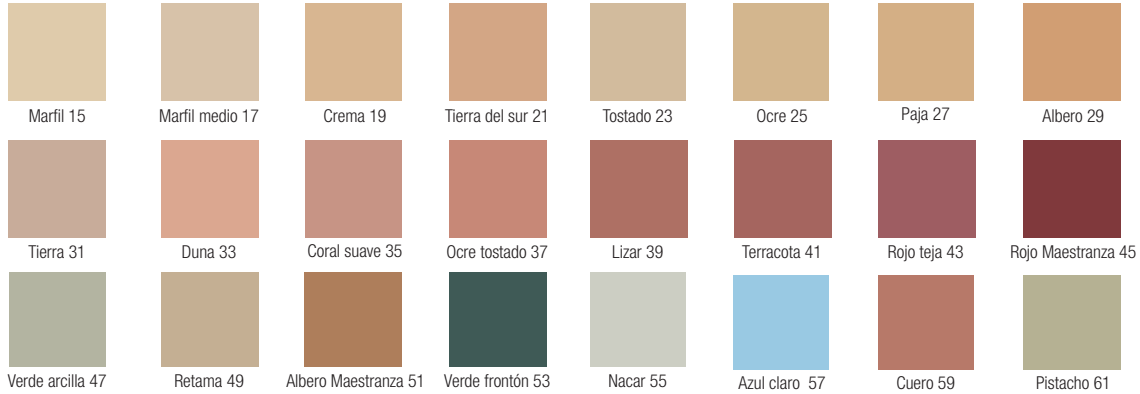
Especially indicated for new construction projects. For interior and exterior use. Provides great coverage. Excellent adhesion to all typical construction surfaces: cement mortars, plasters, etc. Very white finish. Washable and breathable. Available in different colors.

Yield 9-10 m<sup>2</sup> / L

Packaging 14,4 L buckets



### Range of colors:



Colors shown are for guidance only, there may be some variation for technical reasons. (\*) Range of colors available in "smooth" and "rough" finish, subject to minimum order.



## PUMACRIL® DECORACIÓN SATINADA

Plastic decorative coating for interiors and exteriors.

### Characteristics

Excellent adhesion to exterior and interior vertical facings made of concrete, plaster, and cement-based construction materials. Extremely white and opaque finish. Good resistance to aging and yellowing. Easy to wash.

Yield 9-11 m<sup>2</sup> / L

Packaging 15,4 L buckets  
Color White



## PUMACRIL® DECORACIÓN MATE

Plastic decorative coating.

### Characteristics

For interior and exterior use. Very white finish. Resistant to aging; provides great coverage. Excellent adhesion to all typical construction surfaces: cement mortars, plasters, etc. Washable and breathable.

Yield 9-11 m<sup>2</sup> / L

Packaging 15,4 L buckets  
Color White



## PUMACRIL® PROFESIONAL DEPORTIVA

Plastic coating for sports facilities.

### Characteristics

Especially designed for painting sports courts. Great adhesion and non-slip effect. Provides excellent coverage. Good mechanical resistance to weathering.

Yield 5-6 m<sup>2</sup> / L

Packaging 15,4 L buckets  
Color Blue and red





## PUMACRIL® PROFESIONAL INTERIOR/EXTERIOR

Interior/Exterior smooth plastic coating.

### Characteristics

For interior and exterior use. Resistant to aging; provides great coverage. Excellent adhesion to all typical construction surfaces: cement mortars, plasters, etc. Excellent quality-price ratio. Matte finish.

**Yield**  
8-10 m<sup>2</sup> / L

**Packaging** 14,4 L buckets  
**Color** White



## PUMACRIL® PROFESIONAL INTERIOR

Smooth plastic coating for interiors.

### Characteristics

For interior use. Resistant to aging; provides great coverage. Excellent adhesion to all typical construction surfaces: cement mortars, plasters, etc. Very white finish. Washable and breathable. Matte finish.

**Yield**  
6-8 m<sup>2</sup> / L

**Packaging** 14,4 L buckets  
**Color** White





Restauración Obispado de Córdoba.  
Morcem Cal.



# GYPSUM LINE

## GYPSUM RANGE

Morcem yeso proyectado  
Morcem yeso rápido  
Morcem yeso controlado

## LAMINATED PASTERBOARD RANGE

Morcem pasta de agarre  
Morcem pasta de fraguado 2h  
Morcem Pasta juntas de secado  
Morcem Pasta juntas lista al uso

## PAINTS RANGE

Pumaplast  
Pumaplast lista al uso



## GYPSUM RANGE



### MORCEM® YESO PROYECTADO

Mechanical application plaster with a high perlite composition.

#### Characteristics

Increased water retention and increased yield thanks to its lower density. Slow and progressive hardening thanks to its special formulation with perlite. High thermal conductivity and given its porous structure it provides acoustic and thermal insulation, protection against low temperature and against fire.

Yield: 1,5m<sup>2</sup>/bag per cm of thickness  $\pm$  5%

Yield 1,5m<sup>2</sup>/bag per cm of thickness  $\pm$  5% Color White Packaging 17 kg bag



### MORCEM® YESO RÁPIDO

Fast-setting manual application plaster.

#### Characteristics

Quick-setting plaster for manual application offers the ideal solution for supporting frames and rulers, as a bonding agent for bricks and other building material for interior partitions, and for holding electrical boxes and conduits. The application procedure is very simple and gives fast results.

Yield 1,5m<sup>2</sup>/bag per cm of thickness  $\pm$  5% Color White Packaging 15 kg bag



### MORCEM® YESO CONTROLADO

Slow-setting manual application plaster.

#### Characteristics

Slow setting plaster for manual application, suitable for coating interior ceilings and walls, over all types of substrates. Its working time is regulated during the manufacturing process, ensuring a reduced waiting period and greater working time, leading to high productivity and excellent finish quality with high mechanical strength.

Yield 1,8 -2,2 m<sup>2</sup>/bag per cm of thickness  $\pm$  5% Color White Packaging 17 kg bag



## LAMINATED PLASTERBOARD RANGE



### MORCEM® PASTA DE AGARRE

Powder product used for the fixation of plasterboard.

#### Characteristics

Specially formulated for the fixation of plasterboards directly on different types of substrates. Filling paste in joints between plates with a separation over 3 mm. Complies with the UNE EN 14496 standard.

Yield  $\pm$  5 kg/m<sup>2</sup> Packaging 20 kg bag Color White





## MORCEM® PASTA DE FRAGUADO 2H

Fast-drying powdered material for the complete joint treatment in plasterboard.

### Characteristics

Application with jointing tape for complete joint treatment (filling and finishing) in plasterboard systems. Hardens through a chemical reaction and air-drying making it a more stable process regarding climatological conditions variations providing an approximate working time of 2 hours. Complies with the UNE EN 13963 standard.

Yield  
± 0,23-0,32 kg/m<sup>2</sup>

Packaging 20 kg bag  
Color White



## MORCEM® PASTA JUNTAS DE SECADO

Powdered material for the complete joint treatment in plasterboard systems.

### Characteristics

Application with jointing tape for complete joint treatment (filling and finishing) in plasterboard systems. Hardens through air-drying. Drying time varies depending on climatological conditions being between 12 and 48 hours. Complies with the UNE EN 13963 standard.

Yield  
± 0,25-0,34 kg/m<sup>2</sup>

Packaging 20 kg bag  
Color White



## MORCEM® PASTA JUNTAS LISTA AL USO

Ready-mix material for the complete joint treatment in plasterboard systems.

### Characteristics

Application with jointing tape for complete joint treatment (filling and finishing) in plasterboard systems. Hardens through air-drying. Drying time varies depending on climatological conditions being between 12 and 48 hours. Complies with the UNE EN 13963 standard.

Yield  
± 0,50-0,75 kg/m<sup>2</sup>

Packaging 5/20 kg bucket  
Color White



## PAINTS RANGE



## PUMAPLAST®

Powder filler to plaster, smooth, fill cracks, grooves, holes, etc. Perfect for plastering textured plastic paint surfaces.

### Characteristics

For general interior use on surfaces like: plaster, drywall/plasterboard, mortars, concrete, old paint jobs, etc. Fine, hard, very white finish. Suitable for receiving any type of plastic paint, wallpaper, etc. Easy to prepare and apply with a trowel or spatula. Easy and quick to sand down. Reduces surface absorption, increasing the yield of the paint.

Yield  
15 m<sup>2</sup>/kg per mm of thickness

Packaging 15 kg bag  
Color White



## PUMAPLAST® LISTA AL USO

Ready-mixed putty for the coating and smoothing of rough surfaces preparing them for the decoration layer.

### Characteristics

Smoothing of plastified popcorn textured surfaces, textured supports, raised bottoms and rough surfaces. Excellent workability, whiteness and hardness. Excellent covering capability. Allows a wet-on-wet application. Easy sanding and minimum loss. Manual or mechanical application.

Yield  
± 1 kg/m<sup>2</sup> per mm of thickness

Packaging 5 and 20 kg bags  
Color White







# LANDSCAPING LINE



## **PAVIGARDEN SYSTEM**

Pavigargen Antihierbas  
Paviland Drenante  
Pavilgarden Banda de Solape  
Pavigarden Adhesivo Green Court  
Pumalastic MS  
Arena de Sílice

## **ROUNDED PEBBLES**

Cantos Rodados

## **CRASHED MARBLE**

Triturado de Mármol

## **RUBBER FLOORING**

Paviland Caucho

## **COMPACTING RESINS**

Paviland Resina Alifática  
Paviland Resina Aromática

## PAVIGARDEN SYSTEM



### PAVIGARGEN® ANTIHERBAS

Geotextile not knitted, formed by cut Polypropylene fibers.

**Characteristics**

Geotextile anti-weed and anti-roots. Allows you to dispense you of herbicides. It allows the passage of water, air and nutrients. Easy installation.

**Packaging** Rolls of 2 m x 100 m (width x length).  
**Color** Grey



### PAVILAND® DRENANTE

Dry-mix concrete.

**Characteristics**

Intended for highly permeable flooring systems; constitutes an alternative to traditional flooring aesthetics. It reduces and/or prevents the surface flow of rainwater or any other type of water by allowing permeation. Perfect for sports courts, car parks, flooring in residential developments, tree pits and landscaping, etc.).

**Yield**  
± 18 kg/m<sup>2</sup> per cm of thickness

**Packaging** 25 kg plastic bag  
**Color** Range of colors

**Range of colors:**



Blanco 100



Crema 125



Arena 225



Albero 175



Gamuza 425



Rojo 333

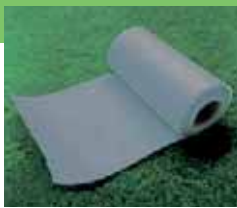


Verde 350



Gris 300

Colors shown are for guidance only



### PAVIGARDEN® BANDA DE SOLAPE

Geotextile not knitted, formed by cut Polypropylene fibers.

**Characteristics**

Joining bands for artificial turf. It facilitates the impregnation of the glue in the union. It allows the passage of water, air and nutrients. Easy installation.

**Packaging** Rolls of 30 m x 100 m and 30 m x 10 m (width x length)  
**Color** Grey



### PAVIGARDEN® ADHESIVO GREEN COURT

Polyurethane adhesive of two components without any epoxidic modification completely free of water and solvents.

**Characteristics**

Pasting of the bands of joints of sheets of artificial turf placed both inside and outside, also in the presence of residual moisture.

**Yield**  
± 500 g/m linear band of union of 40 cm of width

**Packaging** 11 kg (10 + 1) bucket  
**Color** Green



## PUMALASTIC MS



Hybrid polymer-based high-performance one-component elastic filler.

### Characteristics

For sealing perimeter joints, expansion joints, work joints... Contains fungicides. Suitable for bathroom fittings and joints. Excellent UV resistance; does not turn yellow. Does not stiffen over time. High elasticity. Excellent adhesion on a wide variety of materials (construction materials, wood, PVC, glass, aluminum...). Can cure when moisture is present (even under water).

**Yield**  
According to use

**Packaging** 290 ml injection cartridges, ready-to-use.  
Suitable for application with a manual applicator gun.

**Color** Range of colors



### Range of colors:



Blanco



Beige



Terracota



Gris



Negro

Colors shown are for guidance only.

## ARENA DE SÍLICE



Silica sand 0.2-0.8 mm classified as rounded grain. Especially suitable for artificial grass.

**Yield**  
According to use

**Packaging** 25 kg bag and 1000 kg big bag  
**Color** Light beige



## ROUNDED PEBBLES

### CANTOS RODADOS



Rounded stones available in different sizes, and colors for the creation of decorative and unique spaces.

**Packaging** 20 kg bag and 1000 kg big bag  
**Color** Extrawhite and range of colors



### Range of colors:



Blanco



Amarillo



Madera



Rojo



Verde



Negro

Colors shown are for guidance only.

## CRASHED MARBLE

### TRITURADO DE MÁRMOL



Crashed marble stones available in different sizes, and colors for the creation of decorative and unique spaces.

**Packagings** 20 kg bag and 1000 kg big bag  
**Color** Range of colors



### Range of colors:



Blanco



Amarillo



Madera



Rojo



Verde



Negro

Colors shown are for guidance only.

## RUBBER FLOORING

### PAVILAND® CAUCHO



Crushed rubber from recycled tires available in different sizes and colors.

**Characteristics**

Continuous and flexible flooring.

Children's playgrounds, recreational areas, grates, swimming pool surroundings and sports centers.

**Yield: base coat**  
6.6 kg per cm of thickness  
**Finish coat**  
10 kg per cm of thickness

**Packaging** 20 kg bag  
**Color** Range of colors



## COMPACTING RESINS

### PAVILAND® RESINA ALIFÁTICA



Compacting aliphatic polyurethane based resin.

**Characteristics**

Continuous surfaces and coverings applied in-situ. Special applications for gravel aggregate and rubber chippings, with a high resistance to yellowing, suitable for light and strong colors.

**Packaging** 5, 25 and 200 kg container  
**Color** Translucent



### PAVILAND® RESINA AROMÁTICA



Compacting aromatic polyurethane based resin.

**Characteristics**

For binding rubber panels and flooring in children's play areas and continuous applications installed in-situ. When creating layers in clear colors it is advisable to use PAVILAND RESINA ALIFÁTICA.

**Packaging** 25 and 220 kg container  
**Color** Translucent





Circuito de Velocidad. Jerez de la Frontera.  
Morcemrest.





# ASPHALT-BASED PRODUCTS

## PLASTOMERIC BITUMEN MEMBRANES CE (APP-5°C)

Imperpuma BP AL-3  
Imperpuma BP V-3  
Imperpuma BP V-4  
Imperpuma BP P-3  
ImperpumaBP P-4  
Imperpuma BP PR-4

## POLYMER MEMBRANES CE (SBS)

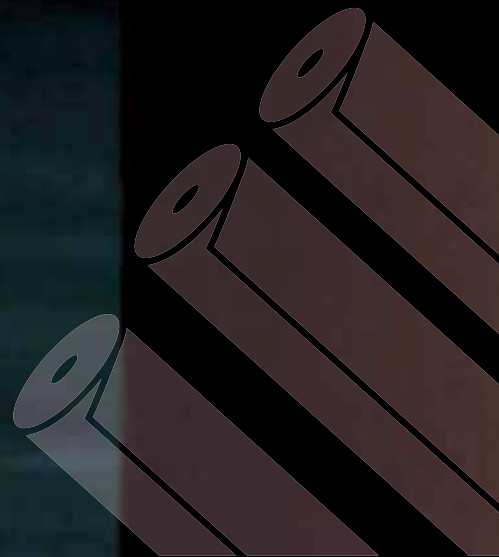
Imperpuma BM V-3  
Imperpuma BM V-4  
Imperpuma BMP-4  
Imperpuma BM PR-4  
Imperpuma BM PY-3  
Imperpuma BM PY-4  
Imperpuma BM PY-48  
Imperpuma BM V-4/G  
Imperpuma Parking

## POLYMER MEMBRANES CE (APP-15°C)

Imperpuma Plus V-3  
Imperpuma Plus V-4  
Imperpuma Plus PY-3  
Imperpuma Plus PY-4  
Imperpuma Plus PY-48  
Imperpuma Plus V-4/G  
Imperpuma Plus PY-4/G  
Imperpuma Plus Parking

## EMULSIONS

Imperpuma Emulsión Asfáltica  
Imperpuma Emulsión Asfáltica lista al uso



# Asphalt-based products

## PLASTOMERIC BITUMEN MEMBRANES CE (APP-5°C)

### IMPERPUMA BP AL-3



Bitumen-based asphalt membrane reinforced with polymers. Complies with the European standard UNE EN 13707.

**Characteristics**

Auxiliary bituminous membrane with 80 micron embossed aluminum protection on the outside and thermal fuse plastic on the inside.



Format  
12x1m rolls 25 rolls/pallet

Average weight 3 kg/m<sup>2</sup>  
Protection layer color Natural / Red

Type LA-30/M-NA



### IMPERPUMA BP V-3



Bitumen-based asphalt membrane reinforced with polymers. Complies with the European standard UNE EN 13707.

**Characteristics**

Auxiliary bituminous membrane with fiberglass cloth reinforcement finished with thermal fuse plastic on both sides.



Format  
12x1 m rolls 25 rolls/pallet

Average weight 3 kg/m<sup>2</sup>  
Protection layer color -

Type LA-30-FV



### IMPERPUMA BP V-4



Bitumen-based asphalt membrane reinforced with polymers. Complies with the European standard UNE EN 13707.

**Characteristics**

Auxiliary bituminous membrane with fiberglass cloth reinforcement finished with thermal fuse plastic on both sides.



Format  
10x1 m rolls - 25 rollos/paeta

Average weight 4 kg/m<sup>2</sup>  
Protection layer color -

Type LA-40-FV



### IMPERPUMA BP P-3



Bitumen-based asphalt membrane reinforced with polymers. Complies with the European standard UNE EN 13707.

**Characteristics**

Auxiliary bituminous membrane with polyethylene reinforcement finished with thermal fuse plastic on both sides.



Format  
12x1 m rolls 25 rolls/pallet

Average weight 3 kg/m<sup>2</sup>  
Protection layer color -

Type LA-30-PE



### IMPERPUMA BP P-4



Bitumen-based asphalt membrane reinforced with polymers. Complies with the European standard UNE EN 13707.

**Characteristics**

Auxiliary bituminous membrane with polyethylene reinforcement finished with thermal fuse plastic on both sides.



Format  
10x1m rolls 25 rolls/pallet

Average weight 4 kg/m<sup>2</sup>  
Protection layer color -

Type LA-40-PE



### IMPERPUMA BP PR-4



Bitumen-based asphalt membrane reinforced with polymers. Complies with the European standard UNE EN 13707

**Characteristics**

Auxiliary bituminous membrane with polyester reinforcement finished with thermal fuse plastic on both sides.



Format  
10x1m rolls 25 rolls/pallet

Average weight 4 kg/m<sup>2</sup>  
Protection layer color -

Type LA-40-PR



# Asphalt-based products

## POLYMER MEMBRANES CE (SBS)

### IMPERPUMA BM V-3



Asphalt membrane made with modified bitumen. Complies with the European standards UNE EN 13707.

**Characteristics**

1m x 10m x 3kg/m<sup>2</sup> elastomer (SBS) modified bitumen membrane, with fiberglass reinforcement, finished with non-stick polyethylene film on both sides.



Format  
12x1m rolls – 25 rolls/pallet

Average weight 3 kg/m<sup>2</sup>  
Protection layer color -

Type LBM-30-FV



### IMPERPUMA BM V-4



Asphalt membrane made with modified bitumen. Complies with the European standards UNE EN 13707.

**Characteristics**

Membrane made with SBS polymer-modified bitumen with fiber glass reinforcement and finished with plastic on both sides.



Format  
10x1m rolls - 25 rolls/pallet

Average weight 4 kg/m<sup>2</sup>  
Protection layer color -

Type LBM-40-FV



### IMPERPUMA BM P-4



Asphalt membrane made with modified bitumen. Complies with the European standards UNE EN 13707.

**Characteristics**

Membrane made with SBS polymer-modified bitumen with polyethylene reinforcement and finished with plastic on both sides.



Format  
10x1m rolls - 25 rolls/pallet

Average weight 4 kg/m<sup>2</sup>  
Protection layer color -

Type LBM-40-PE



### IMPERPUMA BM PR-4



Asphalt membrane made with modified bitumen. Complies with the European standards UNE EN 13707.

**Characteristics**

Membrane made with SBS polymer-modified bitumen with polyester reinforcement and finished with plastic on both sides.



Format  
10x1m rolls - 25 rolls/pallet

Average weight 4 kg/m<sup>2</sup>  
Protection layer color -

Type LBM-40-PR



### IMPERPUMA BM PY-3



Asphalt membrane made with modified bitumen. Complies with the European standards UNE EN 13707.

**Characteristics**

1m x 10m x 3kg/m<sup>2</sup> elastomer (SBS) modified bitumen membrane, with polyester film reinforcement, finished with non-stick polyethylene film on both sides.



Format  
12x1m rolls – 25 rolls/pallet

Average weight 3 kg/m<sup>2</sup>  
Protection layer color -

Type LBM-30-FP



### IMPERPUMA BM PY-4



Asphalt membrane made with modified bitumen. Complies with the European standards UNE EN 13707.

**Characteristics**

Membrane made with SBS polymer-modified bitumen with polyester felt reinforcement and finished with plastic on both sides.



Format  
10x1m rolls - 25 rolls/pallet

Average weight 4 kg/m<sup>2</sup>  
Protection layer color -

Type LBM-40-FP



# Asphalt-based products

## IMPERPUMA BM PY-48



Asphalt membrane made with modified bitumen. Complies with the European standards UNE EN 13707.

### Characteristics

Membrane made with SBS polymer-modified bitumen with polyester felt reinforcement and finished with plastic on both sides.



Format  
8x1m rolls 25 rolls/pallet

Average weight 4,8 kg/m<sup>2</sup>  
Protection layer color -

Type LBM-48-FP



## IMPERPUMA BM V-4/G



Asphalt membrane made with modified bitumen. Complies with the European standards UNE EN 13707.

### Characteristics

Membrane made with SBS polymer-modified bitumen with fiber glass reinforcement and finished with mineral granules (slate) on one side and thermal fuse plastic on the other side.



Format  
10x1m rolls 25 rolls/pallet

Average weight 4 kg/m<sup>2</sup>  
Protection layer color Grey/Red/Green

Type LBM-40/G-FV



## IMPERPUMA PARKING



Asphalt membrane made with modified bitumen. Complies with the European standards UNE EN 13707.

### Characteristics

Membrane made with SBS polymer-modified bitumen with polyester felt reinforcement and finished with mineral granules (slate) on one side and thermal fuse plastic on the other side.



Format  
8x1m rolls 25 rolls/pallet

Average weight 5 kg/m<sup>2</sup>  
Protection layer color Grey/Red/Green

Type LBM-50/G-FP



## POLYMER MEMBRANES CE (APP-15°C)

### IMPERPUMA PLUS V-3



Asphalt membrane made with modified bitumen. Complies with the European standards UNE EN 13707.

### Characteristics

1m x 10m x 3kg/m<sup>2</sup> plastomer (APP) modified bitumen membrane, with fiberglass reinforcement, finished with non-stick polyethylene film on both sides.



Format  
12x1m rolls – 25 rolls/pallet

Average weight 3 kg/m<sup>2</sup>  
Protection layer color -

Type LBM-30-FV



### IMPERPUMA PLUS V-4



Asphalt membrane made with modified bitumen. Complies with the European standards UNE EN 13707.

### Characteristics

1m x 10m x 4kg/m<sup>2</sup> plastomer (APP) modified bitumen membrane, with fiberglass reinforcement, finished with non-stick polyethylene film on both sides.



Format  
10x1m rolls – 25 rolls/pallet

Average weight 4 kg/m<sup>2</sup>  
Protection layer color -

Type LBM-40-FV



# Asphalt-based products

## IMPERPUMA PLUS PY-3



Asphalt membrane made with modified bitumen. Complies with the European standards UNE EN 13707.

### Characteristics

1m x 10m x 3kg/m<sup>2</sup> plastomer (APP) modified bitumen membrane, with polyester film reinforcement, finished with non-stick polyethylene film on both sides.



Format  
12x1m rolls – 25 rolls/pallet

Average weight 3 kg/m<sup>2</sup>  
Protection layer color -

Type LBM-30-FP



## IMPERPUMA PLUS PY-4



Asphalt membrane made with modified bitumen. Complies with the European standards UNE EN 13707.

### Characteristics

1m x 10m x 4kg/m<sup>2</sup> plastomer (APP) modified bitumen membrane, with polyester film reinforcement, finished with non-stick polyethylene film on both sides.



Format  
10x1m rolls – 25 rolls/pallet

Average weight 4 kg/m<sup>2</sup>  
Protection layer color -

Type LBM-40-FP



## IMPERPUMA PLUS PY-48



Asphalt membrane made with modified bitumen. Complies with the European standards UNE EN 13707.

### Characteristics

1m x 10m x 4,8kg/m<sup>2</sup> plastomer (APP) modified bitumen membrane, with polyester film reinforcement, finished with non-stick polyethylene film on both sides.



Format  
8x1m rolls – 25 rolls/pallet

Average weight 4,8 kg/m<sup>2</sup>  
Protection layer color -

Type LBM-48-FP



## IMPERPUMA PLUS V-4/G



Asphalt membrane made with modified bitumen. Complies with the European standards UNE EN 13707.

### Characteristics

1m x 10m x 4kg/m<sup>2</sup> plastomer (APP) modified bitumen membrane, with fiberglass reinforcement, finished with non-stick polyethylene film on the inside and mineral granule as protective material on the outside.



Format  
10x1m rolls – 25 rolls/pallet

Average weight 4 kg/m<sup>2</sup>  
Protection layer color Grey/Red/Green

Type LBM-40/G-FV



## IMPERPUMA PLUS PY-4/G



Asphalt membrane made with bitumen with polymer additives. Complies with the European standards UNE EN 13707.

### Characteristics

1m x 10m x 4kg/m<sup>2</sup> plastomer (APP) modified bitumen membrane, with polyester film reinforcement, finished with non-stick polyethylene film on the inside and mineral granule as protective material on the outside.



Format  
10x1m rolls - 25 rolls/pallet

Average weight 4 kg/m<sup>2</sup>  
Protection layer color Grey/Red/Green

Type LBM-40/G-FP



## IMPERPUMA PLUS PARKING



Asphalt membrane made with bitumen with polymer additives. Complies with the European standards UNE EN 13707.

### Characteristics

1m x 10m x 4kg/m<sup>2</sup> plastomer (APP) modified bitumen membrane, with polyester film reinforcement, finished with non-stick polyethylene film on the inside and mineral granule as protective material on the outside.



Format  
8x1m rolls – 25 rolls/pallet

Average weight 5 kg/m<sup>2</sup>  
Protection layer color Grey/Red/Green

Type LBM-50/G-FP



## EMULSIONS



### IMPERPUMA EMULSIÓN ASFÁLTICA

Waterproof asphalt emulsion.

**Characteristics**

Non-ionic bituminous emulsion especially recommended as a first coat for sealing surfaces before they are waterproofed with asphalt membrane. For waterproofing in situ, apply in two coats and insert fiber glass between them. Water resistant. Does not crack in cold weather and does not run in hot weather. Odorless, inert, and impervious to acid and alkaline emissions.

**Yield**  
± 1 kg/m<sup>2</sup> per mm of thickness

**Packaging**  
20 and 5 kg bucket



### IMPERPUMA EMULSIÓN ASFÁLTICA LISTA AL USO

Waterproof asphalt emulsion.

**Characteristics**

Low-viscosity, anionic bituminous emulsion. Apply cold as a primer on surfaces that will later be waterproofed or treated with asphalt products. Hardens with breaking of emulsion due to evaporation of the water of the continuous phase.

**Yield**  
± 0,4 kg/m<sup>2</sup>  
Ready to use.

**Packaging**  
25 kg bucket





Edificio residencial.  
Línea Active.





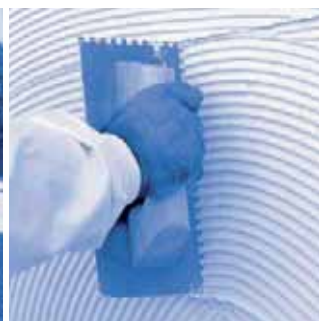


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### COSTA RICA

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