

MORCEMCOLOR® UNIVERSAL GROUT

Additive and coloured mortar of mixed binders for 2 to 15 mm joints.

ISO 13007
CG2 WA
EN 13888

TESTED ACCORDING TO STANDARD ANSI 118.7

ALL TERRAIN SUITABLE

DESCRIPTION

Additives and coloured mortar of mixed binders endowed with great fineness and plasticity. Suitable for sealing of joints from 2 to 15 mm in all kind of ceramic and porcelain cladding. Especially suitable for low porosity pieces (porcelain tiles)

TECHNICAL CHARACTERISTICS

Product based on high resistance cement, aggregates, special additives, pigments and synthetic resins.

ADVANTAGES AND USES

- High hardness.
- Intense colour.
- Easy to clean.
- Thin texture.
- Low water absorption.
- Resistant to cracks and abrasion.
- Suitable for interior and exterior use.
- Suitable for radiant heating.

SUITABLE SUBSTRATES

- Empty joints should be dry and clean along their entire length and depth.
- The grouting must be done 24 hours after gluing on vertical walls and 48 h. after flooring gluing.
- Before starting the process, PROTECMOR, temporary filler protects porous and non-porous ceramics from possible pigment stains.

APPLICATION PROCEDURE

- Add water and mix manually or mechanically until getting a consistent homogeneous paste (make sure it is not very liquid)
- Let the paste rest around 5 min. then mix again.
- When working in small areas, fill the joints with the help of a rubber trowel or rechargeable pistol, compacting the material firmly.
- The application should be done diagonally from the joints, pressing the mass on them and removing the excess material.
- Allow the material to dry for approximately 20 or 30 minutes. When the paste becomes opaque, the surface can be cleaned with a slightly damp hard sponge.
- Clean the surface with a clean and dry cloth, once the product in the joints has completely harden.
- Let it dry for at least 24 h. before normal use.
- If any of the tiles remain stained, use DESMOR to clean them, taking into account not to damage the tiles or the joints (see operating instructions of the product).

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RECOMMENDATIONS

- Do not apply the product under 5ºC nor above 40ºC temperature
- Do not apply under the risk of frost, rain, heavy wind or direct sun light.
- Do not use the product in expansion or subjected to structural movements of the work joints.
- In the case of highly absorbent tiles or high temperatures, before filling the joints, moisten them with clean water, passing a damp sponge over them, avoiding the puddle of water inside.
- Empty the joints completely before applying any product during restoration processes.
- Do not clean the area with abundant water, or before the material is completely hard, in order to avoid carbonation and colour loss on the surface.

CONSUMPTION ACCORDING TO DIMENSIONS (KG/M²)

Yield (Kg/m²)
Data valid for 6 mm thick tiles

TILE SIZE	SEPARATION BETWEEN TILES (JOINT SIZE)				
	2 mm	5 mm	8 mm	10 mm	15 mm
15 x 15 cm	0,27	0,68	1,09	1,36	2,04
15 x 20 cm	0,24	0,60	0,95	1,19	1,79
20 x 20 cm	0,20	0,51	0,82	1,02	1,63
25 x 33 cm	0,14	0,36	0,57	0,72	1,08
30 x 40 cm	0,12	0,30	0,48	0,60	0,89
40 x 60 cm	0,09	0,21	0,34	0,43	0,64
45 x 80 cm	0,07	0,18	0,28	0,35	0,53

((A+B)/AxB) x C x D x 0,17 = Kg/m²

Where:
A = Tile width 1 (cm)
B = Tile width 2 (cm)
C = Tile Thckness (mm)
D = Joint width (mm)

PACKAGING AND STORAGE

5 Kg polyethylene bags.
Shelf life:
2 years (5 Kg polyethylene bags). In sealed original packaging, sheltered from weather conditions and humidity.

COLOUR RANGE

Colour range:
The colours given are illustrative, there may be some variation due to technical limitations

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TECHNICAL DATA

Statistical data obtained under standard conditions

Aspect	White and range of colours
Resistence to flexion after 28 days	> 2,5 N/mm² (EN 12808-3)
Resistence to compression after 28 days	> 15 N/mm² (EN 12808-3)
Abrasion	< 1000 mm³ (EN 12808-2)
Water absorption after 30 min.	< 2 g (EN 12808-5)
Water absorption after 240 min.	< 5 g (EN 12808-5)
UNE-EN 13888 Classification	CG2 A W
ISO 13007 Classification	CG2 A W
Complies with	ANSI 118.7
Approximate yield	See Table

LEGAL DISCLAIMER

The information and instructions in this datasheet are based on our current tests and technical knowledge. They are intended as general guidance and do not constitute a binding commitment by PIDILITEPUMA MEA CHEMICALS LLC. It is the sole responsibility of the user to verify, prior to use, that the product is suitable for the intended application and to ensure that it is applied correctly and in accordance with applicable regulations and good industry practice.

PIDILITEPUMA MEA CHEMICALS LLC cannot control how its products are applied on site throughout the entire project and therefore cannot accept responsibility for their application by contractors or other parties involved in the execution of the work. Support visits to the jobsite by our technical staff do not change that. Our responsibility is limited exclusively to defects that can be directly attributed to the supplied products, whether used individually or as part of a system, caused by manufacturing defects.

It is the responsibility of the project designer, site manager, contractor, or other relevant professionals to ensure that the selected products are appropriate for the specific project, taking into account their properties, the substrate, site conditions, and any existing issues.

In the event of a claim, the original packaging must be provided to ensure proper product traceability.

Any performance values stated for PIDILITEPUMA MEA CHEMICALS LLC products or construction solutions, whether in UNE standards or other applicable standards, are based solely on the specific test conditions defined in those standards (such as substrate type, temperature, and humidity). These values may not apply to situations where products are tested or used under different conditions.

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