

MORCEMCOLOR® PLUS FLEXIBLE

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

ISO 13007
CG2 WA
EN 13888

TESTED ACCORDING TO STANDARD ANSI 118.7

AQUASTOP

Protector de la salud

TECNOLOGÍA BIO ACTIVA

HYGIENE AND CLEANING

DESCRIPTION

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

TECHNICAL CHARACTERISTICS

Hydrorepelant product based on high resistance cement, high purity aggregates, pigments and additives which hinder the growth of microoganisms.

ADVANTAGES AND USES

- AQUASTOP Effect: Repels water creating a "pearl" effect.
- BIOACTIVE Technology: Avoids microbian grouth in wet areas.
- To be applied indoors and outdoors.
- High resistance to abrasion.
- High hardness.
- Intense colour.
- Easy to clean.
- Very fine texture.
- Low water absorption.
- Cracking resistant.
- Antifungus.
- Antialgae.
- Hydrorepelant.
- Flexible.
- Suitable for underfloor heating systems.

SUITABLE SUBSTRATES

- Empty joints must be dry and clean in all their length and depth.
- Before starting the application, temporary porefiller PROTECMOR protects porous and non-porous ceramic from possible pigment stains.

APPLICATION PROCEDURE

- Add water and mix manual or mechanically to a consistent paste (not liquid).
- Let the mixture stand for 5 minutes and remix.
- When working in small areas, grout the joints with a rubber trowel or rechargeable grouting gun, pressing on the paste the material firmly.
- The mixture must be applied diagonally to the joints pressing the mixture onto the joints and removing the excess.
- Let the material dry slightly for 20-30 minutes. When the mixture becomes dull, you can clean the surface with a hard, slightly wet sponge.

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Pidilite Puma

- Polish the surface by using a clean dry cloth to remove dust only when the product has hardened in the joint.
- Let dry for at least 24 hours before normal traffic.
- Use DESMOR to clean up stained tiles. Make sure the product does not damage the tile. Do not use on grouted joints.

RECOMMENDATIONS

- Do not apply below 5ºC nor above 40ºC.
- Do not apply when there is a risk of frost, rain, strong wind or direct sunlight.
- Grouting must be carried out at least 24 hours after tile setting on walls or 48 hours after tile setting on floors.
- Do not use in expansion joints or joints subject to structural movements.
- Grout the joints once the floor or cladding is completely dry.
- Do not clean with acids as it may affect application.
- When applied in swimming pools, wait for at least 7 days after the grout has been applied, before filling the pool.
- Joints must be without dust and clean adhesive residue and should have a uniform depth, as at least 2/3 of the total thickness.
- Do not use on stands that are subject to moisture lifts.
- Do not add excess water, since its final performance can reduce.
- Do not clean the ceramic or tile with etching or other acids, since it will affect the color and can reduce the final performance of the Board.
- PH levels suitable for the maintenance of a swimming pool covered between 7 and 8.2, lower pH levels can damage the Board by reducing its durability.
- When dealing with swimming pools, ponds, spa, health resorts, etc. permanent diving conditions in thermal water, sea water or any other surface with saline treatments, it is very important to have an impermeable and acid resistant grouting and therefore, we suggest using MORCEMCOLOR EPOXI.
- In the case of areas subject to frost or very abrupt changes in temperature, it is advisable to MORCEM COLOR epoxy.
- In the case of very absorbant tiles or high temperatures, before refilling the grouting, wet them with clean water, wiping with a wet sponge and avoiding water pooling.
- The amount of water recommended must be respected, since an excess will cause the development of effluorescences on the surface of the grouting.
- Do not clean with an excessive amount of water, or while the product is still fresh, to avoid carbonation and discolouration of the surface due to pigment dispersion.

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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.

TECHNICAL DATA

Statistical data obtained under standard conditions

Aspect	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)
Resistence to flexion after freeze-thaw	> 2,5 N/mm² (EN 12808-3)
Resistence to compression after freeze-thaw	> 15 N/mm² (EN 12808-3)
Retraction	< 3 mm/m (EN 12808-3)
Abrasión	< 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 chart

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.

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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.

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