MORCEMCOLOR® JUNTA UNIVERSAL

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

CG2 FWA EN 13888

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 cladding. Especially suitable for low porosity pieces (ceramic tiles)

TECHNICAL CARACTERISTICS

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 clean and dry all the way long.
- 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.

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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).

RECOMMENDATIONS

- Do not apply the product under 5ºC nor above 30ºC 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

20 Kg plastic-coated paper bags and 5 Kg polyethylene bags.
Shelf life:
1 year (20 Kg plastic-coated bags)
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
Approximate yield	See Table

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

Environmental Declaration of product:
Mortar made with aggregates which are close to the production centres. This fact reduces greenhouse gas emissions resulting from the means of transport. They are all made in production centres with certified Environmental Management systems in accordance with the ISO 14001 standard, a firm commitment to sustainability and respect for the environment.
Mortar with type III ecological label (the most demanding) Environmental Product Declaration externally verified by AENOR.

LEGAL DISCLAIMER

The instructions for use are given according to our tests and knowledge and do not imply any commitment by GRUPO PUMA nor free the consumer from the examination and verification of the products for their correct use. Claims must be accompanied by the original packaging to allow a proper traceability.

GRUPO PUMA is not responsible, in any case, for the application of its products or constructive solutions carried out by the application company or other parties involved in the process and / or execution of the work, limiting the responsibility of GRUPO PUMA exclusively to the damages directly attributable to the supplied products, individually or integrated in systems, due to failures in their manufacturing process.

In any case, the drafter of the work project, the technical management or the person responsible for the work, or collaterally the application company or other parties involved in the process and / or execution of the work, must ensure the suitability of the products addressing the characteristics of them, as well as the conditions, support and possible pathologies of the work in question.

The values obtained by GRUPO PUMAS's products or its constructive solutions that, as the case may be, are determined by the EN standards or any other regulation that applies to it in each case refers exclusively to the conditions specifically stipulated in said regulation and that are referred to, among others, to certain characteristics of the support, humidity and temperature conditions, etc. without being them required in the tests obtained under different conditions, all in accordance with the relevant regulation.

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