

ARMOS 1-6 MM

COLOURED GROUT FOR WALL AND FLOOR COVERINGS FOR INDOORS AND OUTDOORS

Waterproof and easy to work with

Description: Ready industrial mortar for the joint-filling (grouting) of all types of ceramic tiles, absorbent or not, as well as marble slabs & tiles, for joints up to 6 mm. It is based on high-strength Portland white cement (I - 52.5) and selected marble and quartz aggregates and additives to improve adhesion and workability.

Usages: It is used for the joint-filling of all types of tiles on vertical and horizontal surfaces, indoors and outdoors. Add the MP 20 acrylic dispersion to further improve adhesion, flexibility and impermeability in areas occasionally affected by humidity and characterized by contractions and expansions (underfloor heating and exterior floors).



Advantages: High mechanical strength • Excellent adhesion • Indoor and outdoor use • Moisture- and frost-proof • Homogeneous quality • Incomparable quality of raw materials • Fast and easy to apply • Stain-free and easy to clean • Available in a wide variety of colours

Packaging /distribution:

- Plastic bags of 5 kg
- Cardboard boxes of 20 kg
- Palette of 960 Kg

Storage: 18 months from the date of production in unopened package, in a dry place.

Safety precautions : This product contains cement and reacts as alkaline with moisture, so it is classified as irritant. It must be used with care according to the instructions for use. In order to avoid any injuries due to alkalis of the cement, wear gloves, protective glasses and avoid breathing the dust. Please consult the SDS of the product.

Specifications: EN 13888 (CG2WA)

TECHNICAL DATA:

Colour:	24 different colours according to colour index
Compressive strength in 28 days:	>30 MPa (EN 12808-3)
Flexural strength in 28 days:	> 5 MPa (EN 12808-3)
Compressive strength after 25 cycles of freezing - thawing:	> 30 MPa (EN 12808-3)
Flexural strength after 25 cycles of freezing - thawing:	> 5 MPa (EN 12808-3)
Shrinkage:	≤ 3 mm /m (EN 12808-4)
Water absorption after 30 min:	≤ 2g (EN 12808-5)
Water absorption after 240 min:	≤ 5g (EN 12808-5)
Abrasion strength:	≤ 1000 mm ³ (EN 12808-2)
Open time for application:	60 minutes at 20°C
Time for minor corrections:	5-10 min

APPLICATION:

Mixing ratio: 1- 1.3 kg (lt) of clean water per bag of 5 kg

Consumption: Depending on the dimensions of the tiles, a consumption indicator is:

Tiles dimensions (cm):	30 x 60 x 1	60 x 60 x 1	90 x 90 x 1	120 x 60 x 1	15 x 90 x 1
1mm joint	85	55	40	45	130

Proportionally, consumption for greater joint widths can be calculated.

- Application mode:**
- Remove any foreign material from the surface of tiles and joints.
 - It is recommended to wet the joints on dry surfaces before application.
 - Use a mixer at low speed, to mix 1 bag (5 kg) with 1.0 – 1.3 lt of clean water, until a homogeneous and smooth coloured mixture is obtained.
 - Remove any foreign material from the surface of tiles and joints.

- It is recommended to wet the joints on dry surfaces before application.
- Use a mixer at low speed, to mix 1 bag (5 kg) with 1.0 – 1.3 lt of clean water, until a homogeneous and smooth coloured mixture is obtained.
- Leave the mixture to set for 5- 10 minutes and stir again.
- Use a rubber spatula for the joint-filling of tiles. Push the material with diagonal movements, until the joint is well filled. When the joint begins to dry (whiten) on the surface of tiles, remove the excess quantity with a damp sponge.
- Then, clean with a dry cloth.
- Proceed to joint-filling after 12 hours (for walls) and 24 hours (for floors) after having fixed the tiles
- For applications that require flexible and very strong adhesion, you may add the MP 20 acrylic dispersion, to a ratio of 0.5 kg MP 20 + 1 kg of water / 5kg bag of ARMOS 1-6.

ATTENTION:

- The content of the bag should be protected from humidity
- Not recommended for use in extreme weather conditions (frost or heatwave).
Application temperature +5°C to +35°C
- Depending on the room temperature, the mixture may dry slowly or quickly. To prevent rapid drying of the material, at high temperatures, you should keep the surface wet, using frequently a damp sponge

The above application guidelines are indicative for the correct use of the product. For more technical details please contact the company's technical department.

We guarantee the quality of all our products, on the basis of their technical specifications, as described in this technical data sheet. Such guarantee refers only to the products that we deliver for use and never to its application or final result, which largely depend on the experience and quality of work of each user and on the application conditions. The user is advised to test the product on a small scale, and if he is satisfied with the result, then to use the product on large scale in his project. This edition of technical data sheet automatically cancels any previous version.