

Armoplast 3-15mm

Waterproof Acrylic Tile Grout

Description of Product

The acrylic grout ARMOPLAST is an acrylic mortar with a cement base. It is suitable for bonding ceramic and non-ceramic tiles to any substrata, and for internal or external use on walls or floors.

It is waterproof, unaffected by moisture, suitable for bathrooms, balconies, swimming pools. It is composed of special acrylic resins, fibroids, pigments and other improving agents which guarantee workability, powerful bonding, high mechanical durability, elasticity to temperature expansion and contraction. It is shockproof, has a high performance level, and stability in color and variety. In addition, ARMPLAST grout is characterized by a low level of absorbability, which makes it easy to use on a daily basis.

Elasticity

ARMOPLAST can be mixed with the acrylic emulsion PETROFLEX in the case that we require more elasticity, durability and water absorption with 1 part PETROFLEX to 3-4 parts water. The addition of the emulsion changes the consistency of the mortar during application, making surfaces harder to clean once dry.

Advantages

Waterproof, to prevent the lodging of dirt
Sticks to surfaces
Easy to apply
Easy to clean
Doesn't crack
Brightly colored porcelain surface

Surface Preparation

Once tile adhesive has thoroughly dried and tiles are firmly in place, before applying, joints must be thoroughly cleaned. Surface must be free of objects such as leveling squares, traces of glue, stagnant water, etc. It is recommended that the gaps between joints be slightly damp before application.

Directions for Application

Empty the contents of the 5 kilo sack into a container filled with about 1.2 liters of clean water. The ratio should be 20-25% water and the depending on the surface to be bonded (adding more water than necessary could cause colors to be distorted). Mix thoroughly until the mixture becomes a smooth, uniform paste without clumps. Leave the paste to thicken for about 10 minutes and use within approximately 3 hours.

Stirring from time to time without the addition of water is recommended. Spread the mixture of the surface to be bonded. Apply the mixture diagonally and crosswise in the joints with a plastic trowel, pressing the mixture to make sure it completely fills in the gaps between joints. After 1-1 ½ hours the mixture should have started to dry. Clean the tiles with a damp sponge forming the final surface. Once joints have hardened, use a soft cloth to give a final finish to tiles, giving them their final form.

Precautions – Safety

Contains cement that can cause irritation. Follow the directions for proper use that are listed on the product's container. The product is not hazardous to the environment and does not require any special precautions.

Technical Information

- Form: mortar in powder form in 12 colors
- Specific gravity: 1.4 kg/lt
- Drying time: 5-10 minutes
- Tack-free time: about 3 hours
- Application temperature: +5°C to +35°C
- Temperature resistance: -30°C to +80°C
- Shrinkage: negligible
- Water impermeability: Excellent
- Resistance to oils and solvents: Excellent
- Elasticity: Excellent
- Compression resistance after:
28 days >29 N/mm²
- 25 cycles frosting and defrosting
>30N/mm² (EN 12808-3)
- Bending resistance after:
28 days > 7 N/mm²
- 25 cycles frosting and defrosting
>6 N/mm² (EN 12808-3)

Measurement were carried out in accordance with European guidelines for the development of materials: EN 13999, CG2

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Consumption

TILE DIMENSIONS	JOINT DIMENSIONS			
	3 mm	7 mm	12 mm	15 mm
20x20x0,7	0,40	0,95	1,60	1,95
30x30x0,8	0,30	0,75	1,20	1,55
40x40x0,8	0,25	0,55	0,90	1,15
40x40x1,0	0,30	0,70	1,20	1,45
50x50x0,8	0,20	0,45	0,75	0,95

Storage

Store in dry, preferably shady, conditions with low humidity levels for at least 12 months.

Packaging

5 kg plastic sacks in 20 kg cardboard boxes
1000 kg pallets

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