



Adva-Grout Prism

Product description

High-performance, multiple-coloured polymer modified cement-based grout with excellent water resistance and anti-efflorescence characterises. **Adva-Grout Prism** is designed for grouting the joints of ceramic, porcelain, glass mosaic and non-moisture sensitive natural stones tiles. **Adva-Grout Prism** is a fine coloured latex modified grout powder when mixed with clean water, gives a smooth, easily applied creamy paste for grouting work of ceramic tiles. It sets to a decorative water-resistant finish grout. **Adva-Grout Prism** is classified as improved cementitious grout in compliance with the European standard EN 13888 & ISO 13007-3 as CG2WA .

Features and benefits

- Available in a range of colours .
- Highly water-resistant grout suitable for wet areas .
- One-component, uniform in colour and free of efflorescence salt and ready to use .
- Built in Anti-efflorescence technology .
- Resistant to mould growth & Antibacterial properties .
- Shrinkage compensated properties .
- Suitable for interior and exterior application .
- Ideal for wall and floor applications .

Packing : Plastic bag of 10 kg in different colours

Limitation

Don't allow the product to come in contact directly with any of non-recommended surfaces such as metal, glass, vinyl, aluminum. etc

product properties

| | |
|-----------------------|----------------------------|
| Appearance | Powder in range of colours |
| Water of consistency | 30-35 % |
| Pot life | 3-4 hours |
| Wet Density | 1.65 g/cm ³ |
| pH of mix | ≥ 12 |
| Time to light traffic | After 24 hours |



Application instruction

Preparing the joints

Grouting work is highly recommended when the used adhesive is completely set and cure. The tile joints must be clean, free of any substance that reduce adherence such as grease, paint coating, oil, dust, bitumen, and other loose materials. The joint should be empty down to at least 2/3 of the thickness of the tiles .

Preparing the grout mix

Add the **Adva-Grout Prism** powder to water (Approx. 3-3.5 L per bag of 10 kg) in a clean container, whilst stirring and mixing thoroughly to give a slump-free, easily worked mortar. Use a low-speed mixer to avoid air entrainment, until a smooth paste is obtained. Let the mix rest for 2-3 mins then remix again before using .

Grout application

Fill the joints with the **Adva-Grout Prism** paste using a rubber grout float or rubber squeegee, without leaving any gaps. Remove any excess of **Adva-Grout Prism** paste from the surface, by moving the float or the rubber squeegee diagonally to the joints while the mix is still fresh .

Finishing

Start grout cleaning when the grout paste mix loses its plasticity and becomes opaque, which usually takes place after approximately 30 - 45 Minutes, clean off the excess **Adva-Grout Prism** with damped sponge, cleaning in a diagonal direction to the joints. Rinse the sponge frequently, using two different containers of water: one to remove the excess mix from the sponge, and the other, containing clean water, to rinse the sponge. This operation may also be carried out with a machine with a sponge belt.

Certain types of tile or natural stone may stain when in contact with coloured cement grouts, it is therefore advisable to consult the tile manufacturer or stone supplier and carry out trials or mock-ups before use

Cleaning

Tools and containers may be cleaned using plenty of water whilst **Adva-Grout Prism** paste is still fresh

Consumption

The consumption of **Adva-Grout Prism** varies according to the size of the joints and the size and thickness of the tiles. Please consider the following equation to calculate your consumption.

- A: Tile length (mm)
- B: Tile width (mm)
- C: Tile thickness (mm)
- D: Joint width (mm)

FORMULA TO CALCULATE CONSUMPTION = $\frac{A + B}{A \times B} \times C \times D \times 1.65 = \text{kg/m}^2$

Storage and shelf life

Adva-Grout Prism has a shelf life of 24 months in sealed / unopen bags when stored in dry area and standard storage conditions. Store out of direct sunlight, clear of the ground on pallets protected from rainfall .

HEALTH AND SAFETY

Adva-Grout Prism is not hazardous according to the current regulation regarding the classification of mixtures. As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs (which may also be tainted with vapour until product is fully cured). Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Reseal containers after use.

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