

Crystal Grout - EP

Two part decorative epoxy tile grout in a dual cartridge.

Description:

Crystal Grout-EP is a two component epoxy resin and hardener with high quality pigment and specialist additives, to be used as decorative tile grout with high performance properties of waterproofing and chemical resistance.

The two components are mixed together with a dual cartridge and mixing nozzle to give a smooth, non-slump paste grout of shiny colors.

Crystal Grout – EP is the perfect tile grout solution for all applications including commercial, retail, residential and industrial.

Primary uses:

- Grouting joints between all kinds of tiles like ceramic, porcelain , marble and stone.
- Sealing joints between sanitary wears and kitchen accessories.
- In places or surfaces subjected to acid aggression, or in places where a non absorbent joint is necessary, such as: dairies, laboratory tables, abattoirs, industrial kitchens, etc.
- Swimming pools where waterproofing tile grout is a must.
- Grouting floors subjected to heavy traffic, like shopping centers, etc.
- Grouting tanks containing aggressive chemicals or purification plants.

Advantages:

- Shiny decorative surface.
- Suitable for all joints sizes (1mm-10mm)
- Easy to apply in a gun.
- No toxic.
- Suitable for walls and floors.
- Non-absorbent.
- Anti-Mildew.
- Doesn't stain.
- High chemical resistant.
- Easy to clean.
- discoloration
- High bonding to all surfaces.
- Suitable to use indoor and outdoor.

Method of use:

- Make sure that all surfaces are clean, dry and free from dust.
- Remove the cap and screw on the mixing nozzle.
- Cut the mixing nozzle at 45°.
- Load the dual cartridge into the dispensing gun.
- Start dispensing the two components through the mixing nozzle.
- Apply **Crystal Grout - EP** into the tile joint ensuring the tile joint has been filled.
- Make the joint finishing using the pressing ball after using each cartridge, run through all tiles joints to ensure the materials has been pressed into the tile joint.
- Remove the residues after 3 hours using blade scrapper.

Technical Data:

Appearance	Colored paste
Mixing ratio	1:1
Solid content	100 %
Application temperature	min. +5°C max +45°C
Specific gravity	1.15
Flash point	N/A
Walk able after	24 Hrs.
Thermal resistance	-20 °C to + 100°C
Compressive strength ASTM C579	70 N/mm ²
Tensile strength ASTM C307	18 N/mm ²
Bond Shear strength ANSI A118.3 E5.5	8 N/mm ²
Flexural strength (ASTM C580)	33 N/mm ²
Adjustability time	30 minutes
Resistance to abrasion (EN 12808-2)	130 (loss in mm ³)

Colors:

Golden , Silver , Red.

Packaging:

420ml dual plastic cartridge.
20 cartridges per box along with plastic mixing nozzels.

Coverage:

The coverage varies significantly according to the joint width and tiles dimensions. Please find the coverage table in the supporting brochure.

Health and safety:

Crystal Grout - EP does not classified in the hazardous materials; however it should not be allowed to come into prolonged contact with skin and eyes.

The normal safety precautions (hand gloves & safety goggles) are recommended for handling.

The first aid if some harm happened with eyes in to wash with water.

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WARRANTY STATEMENT: The information given here is based on our knowledge, and we believe it to be true and accurate.

We assume no responsibility for the use of these information, recommendations or suggestions.

Users should always refer to the most recent issue of the technical data sheet for the product concerned, copies of which will be supplied on request.



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