

Rocky EPOX G

Description

ROCKY EPOX G is a multi-component epoxy grout composed of epoxy resin, hardener, mineral filler and coloring pack. Once all the components are mixed, it will give a thixotropic viscose paste which is used to grout the joints between ceramic tiles, mosaic, natural stones, marble, etc.

Use

ROCKY EPOX G is used for internal and external tile grouting for ceramic tiles, mosaic, natural stones (every type of marble especially those sensitive to water such as verde alpi, rosso sicilia, sandstones, slate), klinker, etc. ROCKY EPOX G can be used as a tile grout wherever excellent mechanical properties, chemical resistance, and hygienic environment is required. This includes chemical factories, food production and processing, catering facilities, electrical and mechanical rooms, service facilities, laboratories, etc.

Advantages

- Used for joints between ceramic tiles, acid resistant tiles, clinker, single fired mosaics, etc. with joints width from 3 to 10mm.
- ROCKY EPOX G can be used either on walls or floors, for internal and external joints.
- Ideal to use in tanks containing acid, industrial, catering facilities, kitchens, laboratories, swimming pools, heavy duty workshops, garages.
- Suitable for sealing tiles joints subjected to chemical aggressive attacks in food industries, hospitals, electrical substations and plant rooms.
- Non-toxic, hygienic and anti-bacterial
- Excellent chemical resistance
- High mechanical properties
- Impermeable with resistance to staining

Compliance Standards

- ISO 13007-1 as RG
- ANSI A 118.3 -1992
- EN 13888 as RG
- EN 12808

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Technical Properties

Colours	White, grey, black. Other colors upon request
Density at 25°C	1.75 kg/L
VOC	5.8g/L
Pot life at 25°C	60 minutes
Compressive strength	60 N / mm ²
Flexure strength	30 N /mm ²
Shrinkage	< 0.15%
Water absorption	< 0.1%
Resistance to Abrasion (EN 12808-3)	140 (loss in mm ³)
Curing at 25°C	7 days
Foot traffic allowed (light Traffic)	After 24 hours
Temperature of application	+5°C to 35°C
Service Temperature	-5°C to +80°C

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Mixing

The color pack (Part D) should be added to the base (Part A) container and mixed for 20-30 seconds with a slow speed electric drill attached with a suitable paddle. Then add the hardener (Part B) and mix for further 30 seconds. The contents of the graded filler (Part C) then should be slowly added while mixing for further 2-3 minutes until a completely homogenous streak free material of even color and texture is obtained.

Application

Apply the product with hard rubber spatula. The excess mortar must be immediately cleaned with a slightly wet soft cloth. Final cleaning should be executed using a sponge damped with SOLVENTE 10.

Cleaning excess mortar should take place within 15 minutes. Extra care should be exercised not to allow water to contact the wet grout.

Allow the grout to cure before allowing any foot traffic. Curing time is approximately 24 hours at +20°C.

Cleaning

All used tools should be cleaned before the product cures. Hardened material should be removed mechanically.

Recommendations

- Do not apply ROCKY EPOX G on expansion joints or on support with high dynamic movements
- Do not apply the product at temperature less than +5°C. For external application, protect the grouted surface from rain for at least 24 hours

Surface Preparation

Before application, the edges of tiles should be dry and dust free and emptied at least 2/3 of the tile thickness.

Coverage

Manufactured as 8 Kg Kit with three components, base, hardener, filler and a color pack. Keep the product in a dry place, into original well closed containers, protect from frost.

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Shelf Life & Storage

Store in an air-conditioned dry store. Under these conditions, shelf life will be 12 months in unopened containers.

Health & Safety

Handle the product with caution. Using gloves and goggles, avoid any contact with eyes and skin.

In case of contact with eyes, wash abundantly with warm water and consult a doctor immediately.

Important Note

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