

Rocky GG

Description

ROCKY GG is a special powder mortar composed of hydraulic binders, fillers and synthetic resins. When mixed with water, it becomes easily workable and adheres perfectly to the support, as well as, between the glass block. After curing it becomes waterproof and flexible grout. ROCKY GG is also suitable for grouting tiles joints. ROCKY GG does not contain asbestos fibers or other materials that can be harmful for the health of the applicator.

Use

ROCKY GG is used for fixing and grouting of glass blocks within cement block or concrete openings. It is suitable for internal and external use.

Advantages

- Can be used as adhesive, as well as grout for glass block
- Flexible, non-yellowing and waterproof grout
- Single part and easy to apply. It requires only addition of water
- High mechanical properties.
- Excellent adhesion between glass block, as well as, to substrate
- Impermeable with resistance to staining

Technical Specification

Appearance	Powder
Color	White
Density	1.9 kg/L
pH of mixture	12.8
Workable Time at 25°C	60 minutes
Compressive strength after 28 days	20.0 N / mm ²
Flexure strength after 28 days	8.0 N / mm ²
Temperature of application	+5°C to +35°C
Joints thickness	from 2 to 25 mm
Noxiousity ECM 88/379	No
Inflammability	No

Mixing

Pour into a container about 6 - 6.5 Liters of clean water then add a 25 Kg bag of ROCKY GG. Mix till a homogeneous lump free consistency is obtained. Let the mixture rest for about 5 minutes, and remix it shortly before use.

Rocky GG

Application

Apply ROCKY GG with a trowel, then position the glass blocks in the opening. Use special moulder to verify the glass block alignment. Remove the excess of mortar before it hardens. For large openings it is strongly advisable to increase the mechanical strength and improve the structure stability of the glass block. It is recommended to fix, in every line of blocks or every other line, an iron rod of 6 mm dia. As soon as the structure is stable sufficiently, it is possible to begin the phase of grouting the blocks and then remove the moulders.

Apply ROCKY GG into clean joints, free from dust and any form of hardened residues. Compress the product using a smooth rubber grout float. Let the product harden for about 10 minutes, after that clean the surface using a damp sponge. When the product is well hardened, clean the surface with a dry rag.

If the surface exceeds 15 - 16 m² area, a proposed expansion joints must be implemented.

Cleaning

All used tools should be cleaned with water before the product cures.

Recommendations

ROCKY GG is a cement-based product, and it must be cured as common norm of practice. If applied externally, it must be protected from rain, excess warm and direct sunrays till it hardens completely

For large area of glass block openings, 6 mm steel reinforcement rod or mesh reinforcement might be needed within the grout. Contact Rocky-SCM Technical Department or consult structural Engineer for the proper requirements

Surface Preparation

Horizontal supports must be leveled, and vertical side should be perfectly in plumb in order to guarantee a perfect alignment of the glass blocks. The support must be solid, compact, and free from inconsistent parts, dust and grease substances.

Packaging & Coverage

- ROCKY GG is supplied in 20 Kg bags.
- Consumption: 10 to 12 Kg / m² for glass block of 150 x 150 x 80 mm and joint width of 20 mm.

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Shelf Life & Storage

Store in a dry covered place in original well closed packaging. Shelf life is 12 months if stored as recommended.

Health & Safety

ROCKY GG can be harmful to skin as it contains cement powders which may releases alkalis when mixed with water. During application, wear appropriate protective clothing, goggles, gloves and respiratory equipment if necessary. In case of contact with skin, rinse with water and again wash thoroughly with soap and water. In case of contact with eyes, rinse with plenty of water and seek medical advice accordingly. If ingested, obtain medical attention immediately.

Important Note

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