

Technical Data & Instruction Sheet

PRODUCT BENEFITS

UV Resistant, Non Yellowing

Solvent Free Epoxy System

Thixotropic Gel

Non-Bleeding

Resistant to Chemicals

DESCRIPTION

RachTR 201G is solvent free, two components, thixotropic gel, and UV resistant epoxy system for joint filling of light colour natural stones.

DIRECTIONS

Read entire label before using. Use only as directed. Always test on a small area with a 24 hours curing to check desired results. Make sure surface is clean and free of waxes, dirt and coatings. 201G should not be applied to wet surfaces. Ensure proper and thorough mixing of resin.

METHOD OF APPLICATION

RECOMMENDED SURFACES

Granite, Marbles and Other natural stones

MIXING RATIO

100 pbw Resin and 50 pbw Hardener

COVERAGE

150- 250 Sq. ft. per kg depending on thickness and length of joint

TECHNICAL INFORMATION

Form: Thixotropic Gel

Pot Life: 35 minutes

Curing Time (Touch Dry):

25°C-50°C: 1-3Hours

15°C-25°C: 3-5 Hours

5°C-15°C: 5-10 Hours

Curing Time (Full Cure): 24 hours

Adhesion Strength: > 2 MPa
(Pull off)

Shelf Life: 2 years

1. The substrate must be thoroughly cleaned and should free of moisture, dirt, oil and grease etc.
2. The joints must be sealed with RachTR Back-Seal to avoid penetration (Bleeding) of 201 G into the substrate. The back side of stone facing the substrate should be treated with Back Seal to avoid water ingress into the stone.
3. Mix part A and part B homogeneously. Mix pigment to match the color of stone if necessary. Apply the product on the edges of substrate.
4. Join and fix the edge of the stone applying suitable force. The gap between the edges of the stones joined should be minimum as possible and preferably less than 1mm.
5. Excess epoxy on top of the joint should be wiped off. Cover the joint with a tissue paper so that dust does not settle on the uncured product on the joint.
6. A full cure of 201 G is achieved after 24 hours; foot traffic may begin after 24 hours.
7. After 24 hours, the treated part can be further processed.
8. Hardener portion more than 55% will reduce adhesion and can affect the desired quality.
9. Hardener portion less than 45% will delay the hardening and can affect the desired quality.
10. Clean tools with appropriate solvent immediately after application and allow them to dry in a well-ventilated area.
11. The joints fixed with 201G should not be exposed to water for at least 24 hours.
12. The product is not specified for external/outdoor use.

STORAGE AND HANDLING INSTRUCTIONS

1. May be harmful if swallowed. May cause skin, eye and respiratory irritation.
2. Use in a well ventilated area.
3. Do not ingest.
4. Do not freeze or store above 40° C.
5. Do not mix with other chemicals.

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