

Technical Data & Instruction Sheet

PRODUCT BENEFITS

Acid Resistant Grout for Joints

Hard Wearing & Impervious

Resistant to Chemicals' Attack, Abrasion & Impact

Stain Free, Washable, Color Fast & Non Cracking

APPLICATION AREAS

Walls, Floors, Swimming Pools, Showers, Sterile Areas, Heavy Trafficked Floors

MIXING RATIO

100 pbw Resin, 39 pbw Hardener, 417 pbw Filler

AVAILABLE SIZES

5 Kg. & 1Kg.

COVERAGE

Please refer to coverage chart

TECHNICAL INFORMATION

Form: Liquid & Powder

Pot Life: 45 Minutes @ 30°C

Foot Traffic: 24-36 Hrs

Heavy Traffic: 72-96 Hours

Curing Time (Full Cure): 7 Days

Max. Stain Resistance: After 10 Days

Shelf Life: 2 years

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. EG 150 should not be applied to wet surfaces. Ensure proper and thorough mixing of resin (PART A), hardener (PART B) & filler (PART C) before applying. **DO NOT MIX ANY SOLVENTS.**

SURFACE PREPARATION

1. The joints must be dry, clean, free of dust and emptied at least 2/3 of the tile thickness
2. The excess Adhesive or Mortar should be removed while still fresh. Before grouting, make sure that the installed Mortar or the Adhesive has set and released most of its moisture
3. EG 150 is not affected by the moisture on the surface; the joints should not be wet during work

MIXING

1. Empty entire contents of Epoxy Grout Part "A" and Part "B" container into a clean mixing pail. Mix with a Margin Trowel or a Slow Speed Drill Mixer until liquids are completely blended. Add at least 3/4 of Epoxy Grout Part "C" Filler Powder and mix to a uniform consistency. Mix as stiff as possible to work into the joints

APPLICATION

1. Immediately pour entire contents of bucket onto working area. Use a plastic sheet as a drop cloth
2. Use standard Epoxy Grouting techniques to work with Epoxy Grout into Tile joints
3. Epoxy Grout can also be applied with a Caulking Gun. Be sure that all grout joints are packed full
4. Remove as much excess material as possible before initial cleaning with Grout Float. Do not leave excess Grout on the face of Tile

NOTE

1. Keep the working area covered and protected from Sunlight while application of EG 150
2. If EG 150 is applied in open areas like swimming pools etc. keep the cover for 7 days and till the filling of pools with water after the completion of grouting with EG 150

CLEANING

1. Remove excess Grout from the face of the Tile with the edge of the Grout Float. Hold the Float at a 90° angle and pull it diagonally across the joints and Tile to avoid pulling out the material

Initial Cleaning:

1. After 30-45 min of the application of the grout, scrub the surface of the Tile & joint with clean water and scrubber provided to remove any excess Grout
2. Then take a clean thick towel and drag across the Tile to remove any residue

Final Cleaning:

1. Within 24 hours do a second cleaning with normal soap detergent to remove any haze from the Tile
2. The final cleaning cycle may be carried out using XC3 (Epoxy Cleaner) (special cleaning solution for Epoxy Grout)
3. XC3 may also be used to remove thin residues of Grout several hours after application. In such cases, the product must be left to react for longer (15-20 mins.)
4. The efficiency of XC3 depends on the amount of resin residues and how much time has passed since application. Cleaning must always be carried out while "fresh" as described above

STANDARDS

Test Method	Standards	Specification Standard	Results
Water Cleanability	ANSI A118.3 (5.1)	80 minute	Pass
Initial Setting Time	ANSI A118.3 (5.2)	> 2 hours	Pass
Service Setting Time	ANSI A118.3 (5.2)	< 7 days	Pass
Shrinkage	ANSI A118.3 (5.3)	< 0.25%	Pass
Quarry Shear Bond	ANSI A118.3 (5.5)	> 1,000 psi (6,90 MPa)	Pass
Compressive Strength	ANSI A118.3 (5.6)	> 3,500 psi (24,1 MPa)	Pass
Tensile Strength	ANSI A118.3 (5.7)	> 1,000 psi (6,90 MPa)	Pass

COVERAGE CHART

Tile Size Thickness	Joint Width				
	2mm	3mm	4mm	6mm	10mm
in mm					
100x100x3	264	177	133	90	55
150x150x4	296	198	149	100	61
200x150x5	269	181	136	91	55
150x300x6	263	175	132	88	53
300x300x6	394	263	198	132	80
450x300x7	405	270	202	135	81
600x450x8	506	337	253	169	101
600x600x8	591	394	295	197	119
600x900x11	515	343	258	171	103
900x900x12	590	393	295	197	118

SAFETY

USE GLOVES, GOGGLES & RESPIRATORS WHILE APPLYING.

STORAGE AND HANDLING INSTRUCTIONS

May be harmful if swallowed

May cause skin, eye and respiratory irritation

Do not spray. Avoid prolong exposure to vapors

Use in a well ventilated area. Do not ingest

KEEP OUT OF THE REACH OF THE CHILDREN

Do not freeze or store above 40° C. Do not mix with other chemicals

EMERGENCY/ FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call a Physician

Eye Contact: Flush thoroughly with water for at least 15 minutes.

Remove contact lenses, if applicable, and continue flushing. Call a Physician if eye irritation persists

Skin Contact: Wash skin with mild soap and water. Call a Physician if skin irritation persists.

Wash clothes before wearing again

Inhalation: Remove to fresh air. Call a physician if respiratory irritation persists

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