



Three- Component Epoxy Tile Grout



UV Resistance



Waterproof



Acid Resistance



Stain Resistance

Avialable in 1 KG & 5 KG

PRODUCT OVERVIEW

MIRO DELUX Three-component epoxy grout is a high-performance, resin-based material designed for grouting joints of tiles, stones, machinery bases, and heavy structural elements. Its three parts—a resin, a hardener, and a filler— are mixed immediately before use, providing superior durability, chemical resistance, and hygiene benefits.

KEY FEATURES

- **High Strength & Durability:** Excellent compressive, flexural, and impact strength, making it ideal for industrial and commercial applications
- **Chemical & Stain Resistance:** Resistant to a broad spectrum of chemicals, ensuring long-lasting cleanliness and durability
- **Non-Shrink & Low Creep:** Maintains joint integrity under mechanical stress or dynamic loads
- **Waterproof & Impervious:** Prevents water ingress, suitable for wet areas like bathrooms, kitchens, and laboratories
- **Easy Application & Cleaning:** Smooth application and effortless maintenance
- **Hygienic & Anti-fungal:** Inhibits fungal and bacterial growth, suitable for sterile environments.
- **Color Variety:** Available in multiple shades to match diverse aesthetic needs
- **Temperature Resistant:** Can withstand a wide range of operating conditions, including prolonged and intermittent high temperatures

APPLICATIONS

- **Tile Joint Grouting:** For ceramic, vitrified, mosaic, and natural stone joints in bathrooms, kitchens, swimming pools, clinics, labs, and breweries
- **Heavy Structural Grouting:** Machine bases, crane rails, bearing plinths, and anchoring steel fixings
- **Wet Areas:** Floors and walls exposed to moisture or chemicals, such as industrial kitchens and food processing units

HOW TO USE

1. **Surface Preparation:** Ensure joints are dry, clean, and free from debris or adhesive
2. **Mixing:** Combine resin (Part A) and hardener (Part B), then gradually add filler (Part C) and blend to a homogenous paste.
3. **Application:** Fill joints or base plate areas thoroughly. Remove excess grout from the face of the tiles with the edge of the grout float. Hold the float at a 90 Degree angle and pull it diagonally across the joints and tile to avoid pulling out the material.
4. **Initial Cleaning:** After 25-35 minutes of the application of the grout, scrub the surface of the tile & joint with clean water and the scrubber provided to remove any excess grout. Then take a clean, thick towel and drag it across the tile to remove any residue.
5. **Final Cleaning:** Within 24 hours, do a second cleaning with Vajra Tilex or a Similar Cleaner to remove any haze from the tile.

COVERAGE

No	Tile Size (Length x Width)	Groove Depth	Coverage Sq.ft. Per 5Kg							
			Groove Between Two Tiles							
			1.5MM	2MM	3MM	4MM	6MM	8MM	10MM	12MM
1	100 x 100	3mm	345	267	180	136	93	71	58	49
2	150 x 150	4mm	388	299	201	152	103	78	64	54
3	200 x 150	5mm	351	272	184	139	94	72	58	49
4	150 x 300	6mm	343	266	178	135	91	69	56	47
5	300 x 300	6mm	518	397	266	201	135	103	83	70
6	450 x 300	7mm	533	408	273	205	138	104	84	71
7	600 x 450	8mm	667	509	340	256	172	130	104	88
8	600 x 600	8mm	753	594	397	298	200	151	122	102
9	600 x 900	11mm	657	518	346	261	174	132	106	89
10	900 x 900	12mm	752	593	396	298	200	151	121	102

Specifications are subject to change without notice. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

TECHNICAL DETAILS

Parameters	Specifications
MIXING RATIO (PART A RESIN:PART B HARDENER)	2 : 1 (BY WEIGHT)
Shades Available	16 SHADES
Pot Life @27 Degree Celcius	45 Minutes
Shelf Life	24 months From the date of manufacturing, when stored is dry conditions.
Compressive Strength 7 Days	80.4 N/mm ²
Tensile Strength 7 Days	13.3 N/mm ²
Flexural Strength	32.4 N/mm ²
Mix Density	1750-1850 Kg/cm ²
Pull-off Adhesion	3.2 N/mm ²
Water Cleanability	90 Mins.
Initial Setting Time	150 Mins.
Regular Foot Traffic	24 Hours
Heavy Foot Traffic	72 Hours
Joint - Width	1 – 12 mm
Water Absorption	0.03 g

SHELF LIFE

24 months for sealed pack when stored under dry conditions, out of direct sunlight.

SAFETY PRECAUTIONS

Keep out of reach of children. Wear suitable protective clothing, gloves, and eyes/face protection. After contact with skin, wash immediately with plenty of clean water. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. Limited to professional use only.

For more details, please refer to the relevant Material Safety Data Sheet, available on request.

PACKAGING

1KG & 5 KG