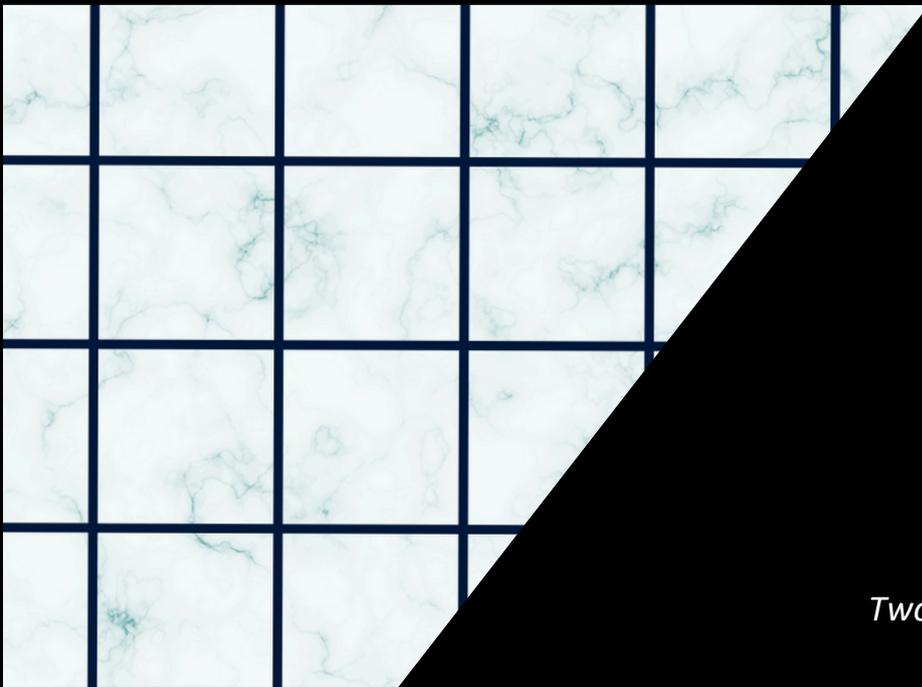




**PRAHAR**  
CHEMICALS PVT. LTD.  
A TRUSTED BONDAGE OF ENDURING CRAFT



*Two- Component Epoxy Tile Grout*



UV Resistance



Waterproof



Acid Resistance



Stain Resistance

**Avialable in 500 GM & 1 KG**

## PRODUCT OVERVIEW

MIRO STAR BOND is a two-component epoxy grout with excellent performance and ease of use. Consists of part A resin and part B hardener, providing exceptional Strength, Stain resistance, and Durability. It provides a smooth, weatherproof finish for areas exposed to dampness or chemicals. This grout is specifically intended to cover gaps between tiles, making it easy to clean, long-lasting, and appropriate for use in kitchens, bathrooms, swimming pools, and industrial settings.

## KEY FEATURES

- Stain resistance prevents discoloration and maintains grout appearance over time.
- Water-resistant and suitable for use in wet environments, such as bathrooms, swimming pools, and kitchens.
- High resistance to chemicals, abrasion, and temperature variations, ideal for demanding industrial settings.
- Easy to mix and apply, with a creamy consistency and non-sagging properties for both wall and floor application.
- Anti-fungal and anti-bacterial, supporting a hygienic finish especially in the food industry or healthcare areas.
- Durable, crack-free, and shrinkage-free joints for long-term reliability.

## APPLICATION

- Before applying the grout, joints need to be clean and powder-free. It is necessary to remove
- any adhesive that has become trapped inside the joints.
- By pre-batching the two components in their packaging, the possibility of mixing mistakes is eliminated.
- It is advised to cut the bag (resin part A) and empty it into the bucket, and mix with part B hardener.
- Until a homogenous, lump-free mixture is achieved, mix with an electric drill fitted with a mixing paddle.
- To ensure that all of the paste is mixed thoroughly, use a steel spatula to scrape the container's sides and bottom.
- It is not advised to mix by hand.
- At a temperature of around +23°C, the paste can be worked for about an hour.

## GROUTING

- Apply the paste into the joints using a putty blade or scraper.
- Remove excess product using the abrasive pad provided.
- The product's pot life and hardening time are strongly dependent on the ambient temperature.
- The ideal temperature for the application is between +10 °C. In these conditions, the product is an easily workable, smooth paste, with a pot life of about 1 hour.
- It is ready for foot traffic after 24 hours.
- The hardening time is also lengthened considerably. Do not add water or solvents to improve workability.
- In hot weather, it is advisable to apply the product to the floor as quickly as possible so as not to shorten further the pot life due to the heat generated.

## TECHNICAL DETAILS

Parameters	Specifications
MIXING RATIO (PART A RESIN:PART B HARDENER)	11.5 : 1 ( BY WEIGHT )
Shades Available	BLACK SHADE
Pot Life @27 Degree Celcius	45 Minutes
Shelf Life	12 months From the date of manufacturing, when stored is dry conditions.
Compressive Strength 7 Days	80.4 N/mm <sup>2</sup>
Tensile Strength 7 Days	13.3 N/mm <sup>2</sup>
Flexural Strength	32.4 N/mm <sup>2</sup>
Mix Density	1750-1850 Kg/cm <sup>2</sup>
Pull-off Adhesion	3.2 N/mm <sup>2</sup>
Water Cleanability	90 Mins.
Initial Setting Time	150 Mins.
Regular Foot Traffic	24 Hours
Heavy Foot Traffic	72 Hours
Joint - Width	2 – 14 mm
Water Absorption	0.03 g

### SHELF LIFE

12 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

**500GM & 1KG**