

# MAP - EPOXY TG

*Two component epoxy tile grout*

## DESCRIPTION

MAP - EPOXY TG is a 100% solid epoxy grout that is stain free, colour-fast, chemical resistant material for use with ceramic tiles, vitrified tiles, marbles and various kind of stone that provides aesthetic effect and durability. MAP EPOXY TG has high viscosity and is a two part epoxy based formulation having excellent resistance to wear and special shear effect which makes it a leading choice of consultant fraternity.

## USES

- MAP - EPOXY TG can be used for internal or external wall and floor grouting of ceramic tiles, in demanding environments.
- MAP - EPOXY TG can be used in residential commercial areas such as dairies, breweries, food processing plant, hospital, public toilet, commercial laundry and kitchen & bathroom

## ADVANTAGES

- MAP - EPOXY TG can be cleaned up with water whilst it is wet.
- Significantly improves the stain resistance of cementitious grouts.
- Ideal for both interior and exterior applications
- MAP - EPOXY TG has high strength. Being chemical resistant
- MAP - EPOXY TG can be used in a variety of commercial applications where chemical resistance is required.
- MAP - EPOXY TG can be used on both wall & floor applications.

## INSTRUCTION FOR USE

### Surface Preparation

Before commencing grouting, ensure the tile adhesive has set firmly. This usually requires 24 hours with the majority of tile adhesives. Remove any spacer lugs, rake-out any excess adhesive and any loose or foreign material from the grout joints. In general, ensure the grout joints are clean and dry.

### MIXING

The base and hardner components shall be thoroughly mixed together using a stiff spatula or a slow speed drill with paddle attachment, until a uniform colour mixture has been obtained. Use the paste within 45 minutes of mixing.

## TYPICAL PROPERTIES & SPECIFICATION:

Sr. No	Properties	Specification
1	Physical Appearance	Various coloured paste
2	Specific Gravity	1.55 kg/L
3	Pot Life	45 minutes
4	Application Temperature	5°C to 45°C
5	Flexural Strength	30 N/mm @ 28 days
6	Compressive Strength	48 N/mm @ 28 days
7	Drying Time	48 hours @ 20°C

## APPLICATION

Using a rubber float or squeegee work the grout into the joints in a diagonal motion making sure that the grout does not just sit on top of the joint i.e. the grout does not bridge the joint.

Remove excess grout from the surface of the tiles with the rubber float or squeegee using a diagonal motion. It is advisable to grout only 2 to 4 sq.m at a time before commencing clean up, or preferably use a two-man team. This way one grouts and the other cleans up.

Use a damp sponge to clean up the remaining grout. Rinse the sponge out to assist in cleaning. For best results use warm water when cleaning.

In the cleaning process, do not flood the floor with water and ensure that both the sponge is kept clean and the water is changed regularly.

Remove any excess moisture from the grout joints, to avoid de-colouration or colour variation problems. With anti-slip or textured tiles the clean-off process is more difficult. Therefore it is advisable to pre-test the method of clean-off, before attempting to grout the entire tiled area. Allow the grout to dry for 48 hours before exposing to the intended environment.

## PACKAGING & COVERAGE

Packing: MAP - EPOXY TG is available in 1 kg (Base: 660 gm + Hardener: 340 gm) & 5 kg (Base: 3300 gm + Hardener: 1700 gm) pack.

Coverage: MAP - EPOXY TG gives approx. 30 running ft. per 1 kg. of pack with 2 mm width of joint. The coverage area however will depend upon the quality and evenness of substrate, thickness of joints.





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### SHELF LIFE & STORAGE

MAP - EPOXY TG has a shelf life of 12 months from date of manufacture when kept at a temperature between 5°C to 45°C and store in the original, unopened state. All material shall be stored under cover in a manner that will prevent damage preferable on pallets and protected from excessive heat and moisture. Do not freeze.

### HEALTH & SAFETY

MAP - EPOXY TG does not contain any hazardous substances requiring labeling. It is safe for use with standard precautions followed in the construction industry, such as use of hand gloves, safety goggles, etc. For detailed Health, Safety and Environmental recommendations, please consult and follow all instructions on the product Material Safety Data Sheet.

### QUALITY ASSURANCE

MAP PRODUCTS PVT LTD. is a firm of Assessed Capability. The company conform to the standard quality system, environmental management and is an ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2007 Certified Company.

### DISCLAIMER

The information herein is based upon the best information available at the time of printing. Data provided is intended for those having skill and ability to use products recommended in a safe and responsible manner. LIABILITY is limited to the cost of material proven to be defective. There is no warranty expressed or implied as related to any issue which is deemed to be a direct result of improper acts of others or acts of GOD, constant submersion in harsh environments, workmanship or applicator, or any other cause and effect which is not related to defective material.



CONCRETE  
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WATERPROOFING  
SYSTEM



MASONRY REPAIR



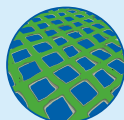
READYMIX  
MORTAR



ENGINEERING  
GROUT



FLOORING  
SYSTEM



TECHNICAL TEXTILE  
GLASS REINFORCEMENT



SEALANT



PROTECTIVE  
COATING



ADHESIVE  
BONDING AGENT

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