

Product Description

La BerryPoxy TG is a 3 component water miscible epoxy resin tile joint filler based on new generation epoxy resin technology supplied in pre-weighed packs, ready for on-site mixing and use.

Uses

Provides a stain free, chemical resistant , hard wearing, tile joint for areas like

- Bathrooms, fountains and swimming pools.
- Factories, workshops and ware houses
- Pharma industry, hospitals and labs
- Commercial & residential buildings.

Advantages

- Resistant to mild chemicals and acids
- Solvent free - can be used in confined areas
- Good resistance to abrasion and impact
- Non staining & easily cleaned
- Available in a range of attractive colours
- Resists bacterial growth
- Hygienic - suitable for use in Laboratories, Hospitals and Health centers
- Good to use in wet areas like showers, swimming pools& bathrooms.

Note : Wet areas like showers, swimming pools, fountains etc should not be used for atleast 2 weeks following completion of grouting.

Technical Information

Typical Properties of mixed material as per STD ANSI A118.3-1999

| | |
|-------------------------------|----------------------|
| Specific gravity | 1.80-1.90 g/cc |
| Pot life @ 27°C | 45 mins |
| Initial Setting Time | 2-3 hrs |
| Service Setting Time | < 7 days |
| Water Cleanability | > 60 mins |
| Foot traffic | 24 hrs |
| Full cure | 7 days |
| Compressive Strength (7 days) | 50 N/mm ² |
| Tensile strength (7 days) | 10 N/mm ² |
| Water absorption | < 0.5% |

Chemical Resistance

La BerryPoxy TG is resistant to a range of chemicals commonly encountered in industrial applications, few of them are listed below:

- Water, Sea water
- Alkali Solutions
- Aqueous solutions of salts
- Soft drinks
- Fruit juices
- Carbonated beverages
- Motor oils and lubricants
- Cosmetics and toiletries.
- Pharmaceutical products
- Dairy products
- Edible oils
- Medicated oils etc.

Application Instructions

Surface preparation

Joints to be grouted should be clean and free from any dust or debris.

Mixing

The base and hardener components are transferred into a suitable container and mixed to achieve uniform consistency. The filler component is then added and blended using a slow speed drill and suitable mixing paddle until a uniform, homogeneous lump free mixture is obtained.

Application

Pour entire mixed grout in the working area and use standard epoxy grouting technique to fill La BerryPoxy TG grout into tile joints. Do not leave excess grout on the face of tiles.

Ensure adequate ventilation in working areas.

Note: Filler content may be adjusted slightly to suit consistency for smooth and rough finish.

A. Using a hard rubber grout float, compact the grout into the joints ensuring that they are completely filled. Work in small areas and remove as much excess from the tile surface as possible. Strike off excess materials diagonally to the grout lines.

B. Plug open-ended joints with the stiffer mix to prevent any slumping of the grout joints from occurring.

C. Within 30 minutes of application, clean off surplus grout. Use a EMULSIFYING PAD & GRIPPER dampened with clean water to break down (emulsify) the grout residue. Use a circular motion and keep the pad and gripper flat relative to the tile surface to achieve a flush joint. Warm water, although not essential will greatly ease the emulsification process.

Do not allow water to flow/run into ungrouted joints.

D. Clean off the emulsified epoxy/water residue with a fine sponge, taking care not to drag grout from the joints, clean diagonally to the grout lines. Tool joints to finish.

E. Any light haze remaining on the tile surface can be cleaned off within 24 hours using the EMULSIFYING PAD & GRIPPER and an alkaline detergent. Do not allow the haze

Cleaning

La BerryPoxy TG should be removed from tools, equipment with water immediately after use. Once set material can only be removed mechanically.

Limitations

La BerryPoxy TG should not be used when the temperature is below 5°C and falling. The product should not be exposed to moving water during application. If any doubts arise concerning temperature or substrate conditions.

Light colours may darken slightly from direct UV exposure. Maximum stain-resistance is achieved 10 days after installation. Protect from strong chemicals contact during the period.

Mix Proportion

Ratio of components per kg

Base : 180g, Hardener : 70g, Filler : 750g

Packaging

5 & 25kg

Consumption depends on tile size and joint width.

| Tile size in mm | 200x300 | 300x300 | 450x450 | 600x600 |
|---------------------|----------------------------------|---------|---------|---------|
| Tile size in inches | 8x12 | 12x12 | 18x18 | 24x24 |
| Thickness in mm | 6 | 7 | 8 | 9 |
| Joint Width | Consumption in kg/m ² | | | |
| 2 mm | 0.172 | 0.106 | 0.122 | 0.103 |
| 3 mm | 0.258 | 0.24 | 0.183 | 0.154 |
| 5 mm | 0.43 | 0.401 | 0.305 | 0.258 |

Note: For approx. Calculation a 200 x 200 mm tile with 2mm width the consumption would be 0.2 kg/m²

Shelf Life

La BerryPoxy TG has a shelf life of 12 months if kept in a dry store in the original, unopened bags or packs.

Storage conditions

Store in dry conditions in the original, unopened bags or packs. If stored at high temperature and / or high humidity conditions the shelf life may be reduced.

Health & Safety

La BerryPoxy TG is cement based. Care should be taken to avoid inhalation of dust and contact with eyes. All cement based products, when mixed or damp release alkalis which can be harmful to the skin.

Important: La Greens India Pvt. Ltd., products are guaranteed against defective materials and are sold subject to its standard terms and conditions of sale. It is the Customer's responsibility to satisfy themselves by checking with the Company whether the information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current Technical Literatures. However, La Greens India does not warranty or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendation relating to application and end use are given in good faith.



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