



GIC Latex Modified Tile Grout

Two Component Latex Polymer Modified Cementitious Tile Grout.

Uses

- Used as a high performance tile grout.
- Used for wider joints.
- Used in areas where high degree of water resistance, compressive strength is required.

Typical Applications & Advantages

- Two components pre-packed and pre-weighed system requiring only the addition of water for on-site mixing.
- Can be used for internal & external wall & floor applications.
- Choices of colors are available depending on the customer requirements.
- Recommended for all types of tiles, marbles, stones, mosaics, etc.
- Excellent water resistance and high compressive strength.

Standards Compliance

GIC Latex Modified Tile Grout complies with the requirements of the following standards:

ANSI A 118.6
ASTM C 580: 1996
ASTM C 307

Product Description

GIC Latex Modified Tile Grout is a specially formulated two-component system used for filling joints in interior and exterior wall and floor mosaics, agglomerate tiles stones, etc. Due to the combination of latex and powder, the mixed material after complete curing exhibits excellent water resistance, flexibility and high compressive strength.

Typical Properties

| | |
|---|--------------------------|
| Wet Density | : 1800 kg/m ³ |
| Compressive strength @25 °C 7 days | : 21.3N/mm ² |
| Flexural strength @25 °C 7 days | : 4.55N/mm ² |
| Tensile Strength @25 °C 7 days | : 2.91N/mm ² |

Technical Support

GIC provides a comprehensive technical support service to specifiers, end users and contractors and is able to offer on-site technical assistance.

Instructions for Use

Preparation: Ensure the tiles are firmly fixed and laid as per the instructions of the tile adhesive manufacturer. Also, ensure from the site conditions that grouting work can be commenced. All grouting surfaces should be clean, dry and free from all dirt, dust and loosely adhering materials.

Mixing: Mix Part A with Part B completely. Using a slow speed drilling machine mix thoroughly and ensure its uniform mix and color. If required add more water to the required level for the purpose of consistency.

Hand mixing is only acceptable for very small quantities and in general is not recommended.

Application: Apply **GIC Latex Modified Tile Grout** diagonally into the joints with a rubber edged spatula or squeegee. Remove excess grout with a moist sponge before drying. Do not apply grout to an area that is of a size that cannot be completed within 30minutes. Porous tiles may require moistening with water prior to grouting.

Watch Points

- Certain porous tiles may cause staining when grouted with pigmented tile grouts. Trial should be conducted first before finalizing the colors and the grouts.
- Since this grout is latex modified, the colored grout when it is dried may tend to become darker.
- Suitable precautions need to be taken to ensure rapid drying of the grout does not occur.
- Curing with water is not recommended even though it is cement based as the polymers in the product ensures its proper curing.

Coverage

In general, the coverage rate depends on the tile size and joint width.





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Typically, a coverage rate of 1kg / 3m² is possible for tile dimensions of 150 x 150 x 6 mm and for a joint width of 2mm.

Packaging & Storage

GIC Latex Modified Tile Grout is supplied in 25 kg units as Part A & Part B and it has a minimum shelf life of 12 months provided it is stored under cover, out of direct sunlight.

Health & Safety Precautions

GIC Latex Modified Tile Grout does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately – do not induce vomiting.

For further information, refer to the Material Safety Data Sheet available for this product.

Important note

GIC endeavors to ensure that the technical information contained herein is true, accurate and represents our best knowledge and experience. No warranty is given or implied, as GIC has no control over the conditions of use and the competence of any labor involved in the application are beyond our control.

As all GIC technical data sheets are updated on a regular basis it is the customer's responsibility to check that the product is suitable for the intended application, and that the actual conditions of use are in accordance with those recommended.

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