



# GIC Latex Modified Tile Adhesive

## Two Component Latex Polymer Modified Cementitious Tile Adhesive

### Uses

- Used as a high performance tile adhesive.
- Used for higher bed thickness of tile fixing.
- Highly recommended as a Tile on Tile adhesive.
- Used in areas where high degree of water resistance, compressive strength, shear strength, tensile strength and flexural strength is required.

### Typical Applications & Advantages

- Two components pre-packed and pre-weighed system requiring only the addition of water for on-site mixing if required for consistency.
- Can be used for internal & external and wall & floor applications.
- Recommended for all types of tiles, marbles, stones, mosaics, etc.
- Excellent water resistance and high bond strength.

### Standards Compliance

**GIC Latex Modified Tile Adhesive** complies with the requirements of the following standards:  
ANSI A 118.6  
CIRIA Technical Report 143

### Product Description

**GIC Latex Modified Tile Adhesive** is a specially formulated two component system used for fixing tile, stones, slabs, marbles, etc. in interior and exterior wall and floors. Due to the combination of latex and powder, the mixed material after complete curing exhibits excellent water resistance, flexibility and high bond strength.

### Typical Properties

<b>Wet Density</b>	: 1800 kg/m <sup>3</sup>
<b>Pull-off strength</b>	
<b>@7days</b>	: 2.1N/mm <sup>2</sup>
<b>Compressive strength</b>	
<b>@7days</b>	: 13.7N/mm <sup>2</sup>

### 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

**Surface Preparation:** Prior to tile fixing, ensure the background surface is clean, dry and free from all dirt, dust, debris and any loosely adhering materials.

**Mixing:** Mix Part A with Part B completely. Using a slow speed drilling machine mix thoroughly and ensure its uniform mix. If required add more water to the required quantity 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 Adhesive** on to the background surface-floor or wall using a suitable trowel and fix the tiles immediately after the material is trowelled. With a slight twisting action to an angle of 45° adjust the tiles so that the material is spread on to the complete area of the tiles and fix it to the required position. Once the tile is fixed, remove the excess material immediately and finish it neatly. This ensures hundred percent coverage of the material on to the tile and to the background surface. Continue laying the tiles as required in this manner.

Do not apply the adhesive to an area that is of a size that cannot be completed within its open time.

### Watch Points

- Suitable precautions need to be taken to ensure rapid drying of the adhesive does not occur.
- Curing with water is not recommended as the polymers in the product ensure its proper curing.
- After applying the adhesive on to the wall or floor, the tiles need to be fixed before the open time of the product. Open time is normally higher than the cementitious adhesive.





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### Coverage

Approximately, for a 3mm bed thickness of tile fixing the coverage may be 4kg/m<sup>2</sup>, provided the background surface is smooth and free of undulations.

### Packaging & Storage.

**GIC Latex Modified Tile Adhesive** is supplied in 30 kg units 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 Adhesive** 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 with any recommendations made by us, our representatives or distributors, as GIC has no control over the conditions of use and the competence of any labour 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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