



## GIC Tile Mortar LTX

### Single Component Latex Modified Tile Adhesive

#### Uses

- Used for internal and external applications for most types of ceramic tiles both on wall and floor on all types of cement substrates in building.
- Used in wet areas including shower rooms, kitchens, bathrooms etc.
- Used for fixing insulation material as expanded polystyrene, cellular polyurethane, acoustic boards, rock wool, etc.

#### Typical Applications & Advantages

- Approved and specified by many leading international consultants & clients.
- Product has already been used in many leading projects in Middle East region.
- Excellent adhesion to different substrates.
- Excellent water resistance.
- Simple and easy to use.

#### Product Description

**GIC Tile Mortar LTX** is a grey or white colour, waterproof, single component, latex modified powder adhesive composed of cement, quartz, synthetic resins, special additives and organic polymer formulated in a way to obtain excellent characteristics of workability and adhesion. It is waterproof and does not contain fiber, asbestos or other harmful components.

#### Typical properties

Mixed Density	: 1850 kg/m <sup>3</sup>
Colours	: Grey and White
Shelf life	: 12 months

#### 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:** All surfaces must be sound, compact, and free from dust, grease substances and inconsistent parts. Concrete or block supports should have been allowed to cure sufficiently. All shrinkage movements should take place before fixing tiles. In case of applications on external walls, walls or floors

exposed to remarkable vibrations, floors or walls exposed to high temperature variations, applications where high elasticity for tile adhesive is required, then **GIC Tile Mortar LTX** should be mixed with suitable GIC's Tile Latex liquid as a total or partial substitute of the mixing water in order to form elastic adhesive to absorb the differential movement between the support and the tile.

**Mixing:** Add **GIC Tile Mortar LTX** bag of 25 kg into a container of 5 to 6 litres of water (or GIC Tile Latex as needed); mix until a uniform, lump free consistency mix is achieved. For mixing process, a slow speed drill (200 – 300 rpm) fitted with a suitable paddle is recommended.

Keep the obtained mix for 5 minutes and then remix before application. Spread **GIC Tile Mortar LTX** on the substrate to a uniform thickness using a toothed spatula, the first pass with its smooth part and the second pass with the toothed part.

Place the tiles onto the adhesive bed. Apply sufficient pressure on the tile during fixing it with a slight twisting movement in order to ensure good contact with the adhesive. Apply enough material that can be tiled during the adhesive's open wet time. Spreading large areas may result in drying the adhesive before tiles can be fixed causing poor adhesion.

Remove excess adhesive with a damp cloth before it dries. Joints grouting between tiles may be commenced after 24 hours of tiling. In case of large size tiles, it is necessary to spread the adhesive also to the backside of the tile and then place the tile into the adhesive bed.

#### Coverage

Consumption will vary according to type of tiles, porosity & absorption of substrate / tiles, etc. Typically coverage of 2.5 to 4.0 kg per m<sup>2</sup> using notched trowel on smooth surface is possible.





## Watch Points

Do not use **GIC Tile Mortar LTX** on metal or non-absorbing surfaces. The allowed temperature of application is from +5<sup>0</sup> C to 35<sup>0</sup>C. Porosity of tiles and substrates has significant effect on adhesive strength of tiles. For recommending the proper method application and type of adhesive consult GIC.

## Packaging & Storage

**GIC Tile Mortar LTX** is supplied in 25 kg bags and it has a minimum shelf life of 12 months provided it is stored under cover, out of direct sunlight.

## Health & Safety Precautions

**GIC Tile Mortar LTX** 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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