



## GIC Tile Mortar

### Polymer Modified Tile Adhesive.

#### Uses

- Used for fixing ceramic tiles, granites, marbles and mosaics.
- Used in immersed situations like swimming pools, showers, etc.
- Used for internal and external cladding.
- Used for tile fixing in kitchens, abattoirs, etc.

#### Typical Applications & Advantages

- Polymer modified Tile adhesive
- Tested and approved by international testing laboratories.
- 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.

#### Standards Compliance

**GIC Tile Mortar** complies with the requirements of the following standards:  
BS 5980:1980 Type 1 Class AA, A & B  
BS 1881: Part 207/Engineers Specification.

#### Product Description

**GIC Tile Mortar** is a polymer modified tile adhesive for the thin or thick bed fixing of ceramic and glazed tiles, clinkers and mosaics, in both internal and external situations. Suitable substrates are concrete, renders, etc. Unlike conventional tile adhesives, **GIC Tile Mortar** is both hydraulically and organically bound which ensures good adhesion of the tiles to the surface.

#### Typical Properties

<b>Pull-off strength</b>	: 0.7N/mm <sup>2</sup>
<b>Tensile strength</b>	: 1.2kN
<b>Mixed Density</b>	: 1850 kg/m <sup>3</sup>
<b>Colours</b>	: Grey and White

#### 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:** Surfaces to receive tiles should be clean, sound, stable and free from laitance, paint, oil, grease, mould release agents and residual curing compounds. Highly absorbent and porous surfaces should be thoroughly wetted down with clean water or sealed with a suitable primer. Ensure that tiles are dry and free from contaminants.

**Mixing:** Add the required amount of cool, clean water to a forced action mixer and slowly introduce the **GIC Tile Mortar**. Mix thoroughly to a thick and creamy consistency. Part bags may be mixed using a slow speed drill and paddle mixer by adding **GIC Tile Mortar** to clean water at ratios of 4:1 by weight or 2:1 by volume.

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

**Application:** Apply **GIC Tile Mortar** to a maximum area of 1m<sup>2</sup> @ a thickness of 3-6mm. Press tiles on to the adhesive with a slight twisting action ensuring the tile back achieves full contact with the adhesive. Depending on the areas of application and the size of the tiles/slabs solid bed thick bed fixing or solid bed thin bed fixing should be done. Alternatively, the adhesive may be buttered on to the back of the tiles to ensure full adhesive contact. Remove the excess adhesive immediately after the application before setting/drying using a damp cloth or sponge.

**Spacing:** Ceramic tiles should not be butt jointed; leave a gap of 2mm around each tile. To ensure even spacing, tile spacing string or spacers of the required thickness are recommended.

**Grouting:** Rake out joints before the adhesive has set and grout with the appropriate GIC Tile Grout. Positioning of tiles can only take place whilst the adhesive is wet.

#### Coverage

Approximately 5kg/m<sup>2</sup> for 3mm bed thickness.





### Watch Point

All movement joints must be carried through the tiles.

### Packaging & Storage

GIC Tile Mortar is supplied in 25kg 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 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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