



## TufBuild NF

### Multi Purpose, High Strength, Epoxy Adhesive and Repair Mortar

#### Uses

- Used as a gap filling adhesive.
- Used as a repair mortar for honeycombed concrete.
- Used for surface repairs of fine cracks and spalls.
- Used as a bedding and grouting mortar for tiles.

#### Typical Applications & Advantages

- Tenacious bond.
- Versatile.
- Easy to use, putty consistency.
- Non-slump, rapid cure.
- Non shrink.
- Minimal waste.
- Excellent chemical resistance.
- High mechanical strength.
- High impact resistant.
- Repairing honeycombed concrete.
- Bedding bridge bearings.
- Fixing of brick slips.
- Gap filling adhesive.
- Filling bolt pockets.
- Bedding and grouting tiles.
- Repairs to GRC panels.
- Overhead repairs.

#### Standards Compliance

TufBuild NF complies with the requirements of the following standards:  
DIN 1048: 1990 Part 5.

#### Product Description

TufBuild NF is a two-component epoxy resin adhesive, bedding and grouting system supplied as Part A and Part B. The smooth putty consistency makes the product ideal for minor concrete repairs and reprofiling. A thixotropic but easily workable compound cures to give high mechanical properties and offers resistance to oil, grease, petroleum, salts, dilute acids and alkalis.

#### Typical Properties

Density	: 1900 kg/m <sup>3</sup> @25±2°C
Water Permeability	: Nil
Chemical resistance	: Excellent
Pull-off Strength	: 0.88N/mm <sup>2</sup>
Colors	: White & Grey

#### 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:** Ensure surfaces are clean, dry, and free from dust, dirt, oil, grease, laitance etc.

**Mixing:** TufBuild NF may be easily mixed with a slow speed drill and mixing paddle. Mix Part A and Part B thoroughly in a pliable polyethylene beaker or similar to ensure uniform mixing to achieve the right consistency. Part mixing of units is only recommended for non-adhesive applications. To avoid waste, only mix sufficient material for the work in hand.

**Application:** Apply TufBuild NF by palette knife or trowel to the required level. The use of a little solvent on the knife or trowel will aid application. Where deep recesses are to be filled, apply TufBuild NF in layers of 25 - 40mm to required depth.

**Coverage Rates:** A 3 kg unit will cover an area of 1.6 m<sup>2</sup> @ 1 mm thickness. Consumption will vary according to the texture and profile of the concrete being repaired.

**Cleaning:** Clean tools and equipment immediately after use with GIC Solvent No.1. Once cured TufBuild NF can only be removed by mechanical methods.

#### Packaging & Storage

TufBuild NF is packed in 3 kg units and it has a minimum shelf life of 12 months provided it is stored under cover, out of direct sunlight.





**TufBond**

### Health & Safety Precautions

**TufBuild NF** 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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