



TufBond GP

General Purpose Epoxy Primer for Overlays and Coatings

Uses

As a moisture tolerant primer for

- Coatings
- Mortars
- Screeds
- Granolithic toppings
- Steel
- Bricks

Typical Applications & Advantages

- Apply to dry or damp substrates, moisture tolerant.
- Non shrink & Solvent free.
- Low viscosity ensures high coverage rate.
- Prevents migration of chlorides.
- High mechanical strength, durable.
- Resistance to chemical attack.
- Supplied in pre-weighed units.

Product Description

TufBond GP is a two component, solvent free epoxy resin primer supplied as Part A & Part B for use with epoxy flooring systems like overlays and coatings. It is an adhesion promoter between the existing concrete and the new floor system. The permanent bond that is ultimately achieved is greater than the tensile strength of concrete. It will tolerate a degree of moisture before and during curing and is insoluble when cured. **TufBond GP** is non-shrink and provides an even, stress free bond. When used as part of a concrete repairs program, **TufBond GP** will prevent the migration of chlorides from the parent concrete into the repaired area.

Typical Properties

Appearance	: Pale Yellow
Specific gravity	: 1.03 @25±2°C
Full cure	: 7 days

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: Thoroughly clean and prepare all surfaces, remove all loose particles, dust, oil, curing compounds, surface hardeners, paint, grease etc. A clean surface must be provided if good adhesion is to be obtained.

Suitable means of removing oil and grease deposits are vacuum blasting, steam cleaning, and detergent scrubbing or by using a proprietary degreaser. If the concrete surface is degraded scabbling back to a sound substrate is required. All laitance must be removed by mechanical means or grit blasting. Gloss surfaces must be roughened to expose the aggregate either by acid etching, light scabbling or grit blasting.

New concrete surfaces must have been cured to ensure minimum shrinkage and movement of moisture. Any release agents or curing compounds must be removed by grit blasting or degreasing to ensure a contamination free surface for adhesion.

Mixing: Stir Part A & Part B components separately before mixing together. Transfer the contents of Part B into Part A and mix thoroughly using a stiff palette knife or slow speed drill and paddle mixer. Mixing should take between 2 and 3 minutes. Scrape down the sides of the tin during mixing to enable complete dispersal. It is normal for heat to be generated during mixing and when the product is starting to cure.

Do not dilute or thin **TufBond GP**. Only mix complete units and not part units.

Application: Apply **TufBond GP** as soon as the mixing process is complete. Apply by brush across the whole surface ensuring uniformity of thickness. Allow **TufBond GP** to become tacky before over-coating with screeds or renders or before the placement of the tile or brick. Ensure the coating of **TufBond GP** is protected from contamination during this time.



Coverage

4-6 m²/litre/coat depending on surface texture and roughness.

Packaging & Storage

TufBond GP is supplied in 5 litre units and it has a minimum shelf life of 12 months provided it is stored under cover, out of direct sunlight.

Cleaning

Clean tools and equipment with suitable solvents immediately after use. Cured material can only be removed mechanically

Health & Safety Precautions

TufBond GP 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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Gulf International Chemicals SAOG

FACTORY & H.O.

P.O.BOX 132,

PC 124, Rusayl

Sultanate of Oman

Tel: +968 24446800

Fax: +968 24446808

Email:

gulfint@omantel.net.om

Gulf International Chemicals

REGIONAL OFFICE

P.O BOX: 98175,

DUBAI,

UAE

Tel: +971 4 2583221

Fax: +971 4 2583220

Email:

gic_dxb@emirates.net.ae



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www.gicomam.com