



TufBond PE 2

High Strength Bonding and Multipurpose Repair Compound

Uses

- Used to infill hollows and holes in concrete floors, bedding and fixing manhole sets, frames, brick slips, ceramic tiles, slabs, etc.
- Used to repair larger voids and where fast strength gain is important.
- Used for the repair and reprofiling of precast units, damaged arises and treads.
- Used for fast and emergency reinstatement of concrete, bedding, jointing and reprofiling of concrete, masonry and brickwork.

Typical Applications & Advantages

- Anchoring of reinforcement bars as starter bars
- High chemical and oil resistance.
- Fast development of strength minimizes disruption – stronger than concrete.
- No primer required – excellent bond to a wide variety of substrates.
- Pre-weighed components ensure consistency.
- Used between non-slumping and flowable consistencies.
- Used for bedding, grouting and void filling operations in depths between 1-20 mm.

Standards Compliance

TufBond PE 2 complies with the requirements of the following standards:
ASTM C 579 – 01 Method B

Product Description

TufBond PE 2 is a multi-component polyester resin system with pre-weighed quantities supplied as Part A, Part B & Part C ready for on-site mixing and use.

Typical Properties

Density	: 2000 kg/m ³
Full cure	: 7 days @ 25±2°C
Compressive strength	
@ 1 day	: > 60N/mm ²
@ 7 days	: > 95N/mm ²
Yield	: 7.5 litres / 15 kgs

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 the concrete, stone or marble foundation surface is dimensionally stable and free of dirt, dust, oil, laitance, paint, curing compounds etc. Bolt holes and fixing pockets should be blown clean of any dirt or debris. If possible a roughened surface is preferable to smooth surfaces. Shuttering should be covered with polyethylene to ensure a clean release.

Mixing: Do not commence mixing until all whole drilling & surface preparation, cleaning and shuttering is complete. Add the powder to the resin in a suitable forced action mixer; alternatively use a slow speed drill and paddle. Mix for two minutes scraping down the sides before adding the aggregate component, if required. Continue mixing until a smooth, even consistency is achieved. For thixotropic consistency add all the powder provided.

Application: Ensure that sufficient mixed material is available to complete the work and achieve a continuous filling operation. Commence placing immediately once the grout is mixed. This can be applied by trowel, spatula or barrel gun according to consistency. For rebar and dowel bar fixing the bar should be inserted into the hole immediately after the grout is placed. A slight twisting action will ensure full contact of grout to steel thereby maximising the adhesive bond. Do not disturb the bar until the grout has fully cured.

Equipment Care

Clean all equipment promptly using GIC Solvent No.1. Cured material will have to be mechanically removed.





Packaging & Storage

TufBond PE 2 is available in factory, pre-weighed units of 5 Kg. It has a minimum shelf life of 6 months provided it is stored under cover, out of direct sunlight.

Health & Safety Precautions

TufBond PE 2 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.

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

Rev: October 2007



AN ISO 9001:2000 CERTIFIED COMPANY

www.gicomman.com