



TufBond AR

Single Component Acrylic Bonding Agent for Use with Repair Mortars

Uses

- Adhesion promoter
- Primer for repair mortar
- Curing aid

Typical Applications & Advantages

- Single component, supplied ready for use. No on site mixing required.
- Brush applied either as a primer or as a curing aid.
- Tenacious bond to dry and damp substrates.
- As an admixture for improving the mechanical properties of cementitious mixes.
- Suitable for use in internal and external applications.

Product Description

TufBond AR is a single component, acrylic resin emulsion. It is formulated and designed for use as a bonding and curing agent for use with cementitious systems especially repair mortars. **TufBond AR** is supplied ready for use exhibits excellent grab and develops a tenacious bond between the repair mortar and the existing concrete.

Typical Properties

Appearance	: White liquid
Specific gravity	: 1.05 @25±2°C

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. High pressure water jetting or light abrasive blasting followed by washing is the preferred method. All perimeter edges must be saw-cut to ensure a minimum depth of repair mortar and to avoid feather edges. Expose fully all corroded steel in the areas to be repaired. Remove loose scale and corrosion deposits. Grit-blast to clean

the steel to SA 2½, ensure the back of the steel is clean.

Rebar Priming: Steel reinforcement should be coated with TufBuild ZP. Ensure full coverage and no pinholes. Extra caution is required around laps and the back of the steel. Allow to dry.

Concrete Priming: The cleaned substrate must be fully soaked with clean water prior to priming. The ideal condition is saturated surface dry (SSD). Brush **TufBond AR** well into the concrete surface; ensure complete coverage but no ponding. Use as supplied and do not dilute with water. Apply the repair mortar or screed whilst the primer is still tacky. If the primer becomes dry reapply as directed above.

Curing Aid: When used for curing **TufBond AR** can be brush or spray applied. Always cover repaired areas to protect from drying winds and excessive heat. In extreme conditions water ponding will also be required.

Coverage

Coverage varies according to the application:

as a curing aid	:	4-5 m ² per litre.
as a bonding agent:	:	6-8 m ² per litre.
as an admixture	:	10 litres/ 50 kg OPC.

Cleaning

Clean tools and equipment immediately after use with water. Once cured **TufBond AR** can only be removed by mechanical methods.

Packaging & Storage

TufBond AR is packed in 5 litre & 20 litre units and it has a minimum shelf life of 12 months provided it is stored under cover, out of direct sunlight.

Health & Safety Precautions

TufBond AR 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





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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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