

# SOLIDBOND HI-BOND

## High Performance Stick-to-Anything Epoxy Adhesive

A high performance impact modified epoxy adhesive for demanding applications where un-compromised bond with high shear and impact resistance is required.

### UNIQUE PRODUCT BENEFITS

- High impact resistance.
- Brilliant flexibility allowing for different expansion rates between components.
- Outstanding adhesion to mild steel, aluminium, stainless steel, high alumina tiles and all regular building materials.
- Thixotropic for vertical applications.

### APPLICATIONS:

- Aluminium
- Stainless steel
- Mild steel
- Ceramic tiles
- Pully lagging with ceramic

### SUBSTRATE REQUIREMENTS

Surfaces that are to be treated must be free of dust, oily residues and loose friable material.

### PREPARATION

Surfaces must be clean, sound and dry. Exposed concrete surfaces must be sand blasted or chipped to show well-bonded aggregates. Steel should be grit-blasted clean, free of rust, paint or foreign matter to ensure optimum bonding performance of the repair.

### TECHNICAL DETAILS

Thickness	0.25 mm
Colour	Natural
Bond Strength	Steel > 15 MPa Aluminium > 11 MPa Stainless Steel > 10 MPa
Full Cure	7 days
Mix Ratio	Mix as supplied
Pot Life	30 min.
Cure Time	6 hrs
Compressive Strength	> 50 MPa
Wash Up	Solvekleen WSBC
Application Temperature	15 to 35°C

### PACKAGING

Solidbond Hi-Bond is supplied in 0.5 L or 1 L kits

### INSTALLATION

#### Mixing

Ensure that the product is between 15 - 25°C.  
Pre-mix each component separately before combining each part on a clean flat board and mix together with a spatula for 4 - 5 minutes. A uniform colour must be achieved after mixing.

#### Placing

Using a spatula, apply the mixed material to the prepared surfaces. Ensure full contact between each surface is achieved. Remove excess adhesive and smooth off the glue line with water.

### CLEAN-UP

Use *Solvekleen WSBC* and rinse with water.

**Leading manufacturers of specialist epoxy and polyurethane flooring systems, specialised construction and corrosion protection products.**

Distribution facilities nationwide

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## LIMITATIONS

- Application temperature of minimum 15°C and rising.
- Low temperatures affect the application consistency and cure.
- Hot temperatures reduce working time and increases the cure rate.
- Do not apply onto wet surfaces.
- Do not thin with solvents.

## HEALTH AND SAFETY

Epoxy products are to be treated with care. In the event of skin contact, wash well with soap and warm water. Seek medical assistance immediately in case of eye contact.

Please read Safety Data Sheet and specific health and safety data for this product provided in compliance with the requirements of OHS Act No.85 of 1993. The finished system is not hazardous to health or the environment.

## WARRANTY

Technical Finishes products are manufactured under high quality standards and are warranted against defective materials and are sold subject to standard Terms and Conditions of Sale, copies of which can be obtained upon request. Technical Finishes deals with approved applicators and carry a back to back warranty with these clients. Technical Finishes cannot be held responsible for the workmanship in surface preparation and application of our products, it is understood that the approved contractor will guarantee such workmanship and application. It is vital that the application is done in accordance to our specification.

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