

# SOLIDBOND 110SS

## Multi-Purpose Epoxy Paste Adhesive

Solidbond 110SS is a solvent free, standard set, high performance epoxy adhesive for bonding high alumina ceramics where chemical resistance is required.

It may also be used for a wide range of adhesive applications and concrete repairs where excellent adhesion and high chemical resistance is required.

### UNIQUE PRODUCT BENEFITS

- Substrate versatility.
- Excellent adhesion to most construction materials.
- Excellent chemical resistance.
- Damp tolerant.
- Thixotropic and can be applied to vertical or overhead surfaces.
- Good temperature resistance - up to 90°C.
- Ease of mixing - 1:1 mix ratio.

### APPLICATIONS:

- Concrete to concrete bonding and repairs
- Hard, natural stone
- High Alumina Ceramic Tiles
- General Tiles
- Bricks, Mortar
- Steel and aluminium
- Wood
- Glass
- GRP (Glass Reinforced Plastic)

### TECHNICAL DETAILS

Appearance	Part A - Off white Part B - Grey
Pot Life	20 to 25 min.
Service Temperature	Wet 60°C Dry 90°C
Set	1 hour
Full Cure	24 hours
Mix Ratio	1:1 by volume
Compressive Strength	> 75 MPa
Full Cure	24 hrs @ 25°C
Pull Off Tensile	> 24 MPa
Tensile Shear	> 23 MPa
Application Temperature	5 to 35°C

### PACKAGING

Solidbond 110SS is supplied in 1 L kits.

### 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.

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

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## 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.

Small quantities can be mixed in a 1:1 ratio (by volume).

### 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.

## 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 OHSA 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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