

SOLIDBOND 117

General Purpose Builder's Epoxy Paste Adhesive

An easy to use, water smoothable, medium set general purpose silica filled epoxy adhesive for bonding most types of substrates in the construction industry.

Exhibits excellent adhesion to concrete, steel, ceramics and fiberglass.

UNIQUE PRODUCT BENEFITS

- Excellent chemical resistance.
- Good temperature resistance.
- Easy application.
- Damp tolerant.
- Water soluble before cure.
- Thixotropic and can be applied to vertical or overhead surfaces.
- Solvent free.

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

Appearance	Part A off white / Part B grey
Pot Life	50 min.
Service Temperature	Wet 60°C Dry 90°C Set 1 hour
Tensile Strength	> 20 MPa
Mix Ratio	1:1 by volume
Compressive Strength	> 75 MPa
Initial Set	2 to 3 hrs
Practical Cure	12 hrs
Bond Strength Ceramics	11 MPa
Bond Strength Concrete	2 MPa (concrete failure)
Application Temperature	5 to 35°C

PACKAGING

Solidbond 117 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.

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.

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

Distribution facilities nationwide

Western Cape

+27 (0)21 535 4455

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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 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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