

Description

Centrecoat Epoxy Paste Adhesive is a thixotropic, solvent free epoxy adhesive ideal for bonding a wide range of building materials to one another e.g. concrete, brick, metal, stone and wood.

Centrecoat Epoxy Paste Adhesive has a high level of mechanical integrity and exhibits excellent bonding characteristics even under damp conditions. Easy to mix & apply. Requires no primer. Centrecoat Epoxy Paste Adhesive is a versatile epoxy paste adhesive being particularly suitable for all general purpose bonding operations. May also be used for thin section concrete repairs.

Benefits

- Colour coded components to ensure correct mixing
- Excellent adhesion to most building materials
- Bonds to damp substrates
- Low odour
- Thixotropic nature facilitates application in both vertical and overhead locations
- Very good chemical properties and cohesive strength
- Resistant to water, weathering and a wide range of chemicals
- No primer required
- Creep resistant

Preparation

Concrete substrates shall be sound, clean and free from dust, dirt, grease, oils, laitance and other contaminants. A roughened or profiled surface will ensure optimum adhesion. Mild steel and other metallic substrates shall be degreased, power wire brushed or grit blasted and vacuumed free from dust. Other substrates shall be sound, clean and free from dust, dirt, grease, oil and any oxidised surface layer.

Mixing

The Base and Curing Agent components shall be thoroughly mixed together using a stiff spatula or a slow speed drill with paddle attachment until a uniform grey mixture has been produced.

Apply to each of the two surfaces to be bonded. The surfaces are then pushed together to achieve the required bond thickness. Excess adhesive should be removed and the joint protected from movement until the resin has set.

For patch repairs, scrape or 'knife in' the Centrecoat Epoxy Paste Adhesive and finish with trowel, palette knife or spatula. For more inaccessible areas, Centrecoat Epoxy Paste Adhesive may be placed into empty cartridges and injected/'gunned' into place using a standard sealant gun.

Application

Application is best achieved using a spatula, trowel, serrated trowel or stiff bristled brush depending on the area to be treated.

Technical Data

- Pot Life: 50 minutes at 20°C
- Colour: Light Grey
- Specific Gravity: 1.5g/cm³
- Compressive Strength: 40 MPa (1 day at 20°C), 75 MPa (7 days at 20°C)
- Tensile Strength: 18 MPa

- Moisture Resistance: <0.4% increase at 28 days (BS 6319: Part 8)
- Lap Shear Strength to Grit Blasted Steel: 14 MPa 2
- Shrinkage on Curing: Negligible
- Hold Up: >15mm
- Application Temperature Range: 3 - 30°C

- Hard Dry: 10 - 12 hours at 20°C
- Fully Cured: 7 days at 20°C

Clean Up

Clean equipment with **Centrecoat MMA Tool Cleaner** prior to curing of the coating.

Storage

Store in dry conditions at temperatures between 10°C and 25°C. Protect from frost.

Shelf Life

Minimum shelf life of 12 months when stored in original, unopened containers in accordance with manufacturer's instructions.

Packaging

Available in 1, 2 and 5 Kg.

Recommendations

Do not apply to wet or uncured concrete surfaces. Do not apply at temperatures of 3°C or less. Wear gloves and goggles. Wash off splashes immediately with soap and water. Please refer to Material Safety Data Sheet for additional information.

Apply strictly in accordance with the manufacturer's instructions. For specific advice regarding any aspect of this product, please consult our Tech Department.