

2-Part Multi-Purpose Epoxy Adhesive

PRODUCT DESCRIPTION

GripEpoxy 111 is a thixotropic, solvent free epoxy adhesive used for structural bonds onto dry concrete and steel surfaces.

Applications

- Bond concrete to concrete, steel to steel, concrete to steel and bonding to wood, fibreglass, tiles, glass and bricks
- Chemical anchoring rebar/steel into concrete
- General purpose adhesive and filler
- Concrete void filler/structural concrete repairs
- Road stud epoxy adhesive

Advantages

- Easy application
- Easy mixing ratio 1 : 1
- Excellent adhesion to concrete & steel surfaces

Physical & Typical Properties

Compressive Strength:	75 MPa
Tensile Strength:	9800 (psi)
Tensile Elongation:	6.7%
Flexural Strength:	16,300 (psi)
Hardness:	80 (Shore D)
Mixing Ratio	1:1
Pot Life:	40 minutes at an ambient temperature of 25°C
Application Temperature range:	5°C to 35°C
Chemical resistance:	resists dilute acids, alkalis and aqueous and aggressive cleaning chemicals
Cure	Practical: 24 hours Full cure: 7 days
Colour:	Concrete grey

Placement Guidelines

Prepare the surface prior to application by removing all loose material, water, rust and any oil based products.

The product consists of two parts; (PART A - Resin & PART B - Activator) (Ratio 1:1)

Using a small trowel, mix 1 part A with 1 part B. Mix the combined product thoroughly for at least 3-5 minutes.

Apply the **GripEpoxy 101** with a steel trowel.

Rusted reinforcing should be cleaned and coated with a suitable coating

Clean equipment and brushes with an Epoxy Cleaner

Packaging

Supplied in 1lt, 2lt & 5lt kits.

Shelf Life

One year in original unopened containers.

Storage

Store in a dry cool place

Limitations

Mixing should not take place in temperatures below 5°C. Do not apply to wet surfaces.

Can be applied in damp conditions (not under water conditions)

Caution

Avoid contact with eyes and skin. In case of contact with eyes, immediately flush eyes with water and immediately call a physician. Wash hands after contact. Always wear dust masks when handling, mixing and applying products. Also refer to MATERIAL SAFETY DATA SHEET.