

PRODUCT DATA SHEET

PRODUCT: E150

GENERAL PURPOSE EPOXY PASTE

Description

E150 is a non-slump aggregate filled epoxy paste for use in a wide range of building and civil engineering applications, where excellent substrate adhesion is required. The product is specifically designed at a 2:1 mix ratio for easy on site use.

Principal uses

The product is developed for general use, and bonds to steel, wood, fibreglass, mosaic and quarry tiles, glass, road studs and concrete.

Advantages

- Good chemical resistance
- High abrasion resistance
- Excellent adhesion characteristics

Performance data

Compressive strength	69Mpa
Shear strength	31Mpa
Tensile strength	12Mpa

Surface preparation

Remove all loose material, rust and any oil based residue where the product will be applied. This can be done by wire brushing, sanding, grinding or sand blasting the surface

Application

1. Mixing- using a small trowel, mix component A with component B until uniform colour is achieved
2. Application- prior to application, ensure that the substrate is primed with E160 to ensure maximum adhesion. E150 can be applied with a trowel or by hand using gloves. Smooth off to a neat finish.

Pot life & Curing

The product has a 30 minute pot life at an ambient temperature of 25°C. Should the temperature increase, expect an accelerated reaction. In typical applications the product will be touch dry in 60 – 90 minutes and fully cured in 7 days.

Limitations

Working temperature between 5-30°C

Safety & Handling

Epoxy resin components may cause skin irritation. The product is low in acute oral toxicity. At room temperature, there is exposure to vapours from the product that may cause allergic skin reaction in humans. Safe handling can best be accomplished by adhering to the following rules:

- Work in well ventilated areas
- Wear PVC gloves, safety glasses and aprons
- Remove any residue with soap and water
- In the event of contact with eyes flush with copious amounts of water. Seek immediate medical attention
- Prior to mixing and curing the product is harmful to the environment

Packaging

The product is a two component kit. The following kit sizes are available; 1L, 2L and 5L

Shelf life & storage instructions

12 months when stored in a cool dry place, failure to comply with these recommendations will result in a reduction in shelf life

Note

For further instruction please consult your local representative for a method statement on the product

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