



PRODUCT DATA SHEET

PRODUCT: E451

SHUTTER BOARD REPAIR EPOXY

Description

E451 is a non-slump aggregate filled epoxy paste. The product is specifically designed at a 2:1 mix ratio for easy on site use

Principal uses

This product is designed specifically for repairing wooden shutter boards, where a robust products is needed for optimal performance

Performance data

Compressive strength	35Mpa
Shear strength	31Mpa
Tensile strength	12Mpa
Adhesion test	Plywood Fails

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 or grinding the surface

Pot life & Curing

The product has a 15 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

Application

Mixing- the product consists of two parts; with a mix ratio of 2:1, (Part A=2 and Part B=1) and mix in a separate vessel until colour is uniform.

Application- apply the product by trowel or by hand, using gloves. Once dry the product can be sanded down to a smooth edge with fine sand paper. Clean equipment with C830 Brush Master

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
- Use soap and water after using epoxies to remove any residue
- 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 harm full to the environment

Packaging

The product is a 2 component kit. The following kit sizes are available; 2kg & 20kg

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: The information and specifications provided is to the best of our knowledge. The technical data contained herein are true and accurate at the date of issue and are subject to change without prior notice. No guarantee of accuracy is given or implied. We guarantee our products to conform to ASHAK Construction Chemicals quality control. We cannot be held responsible or liable, directly or in directly for the use of our products, coverage, performance or injury resulting from use, as we have no control over the method of application used or site conditions. For further technical and method statements, contact our Technical representatives.