



## PRODUCT DATA SHEET

**PRODUCT CODE: E181**

**WET TO DRY EPOXY ADHESIVE**

### **Description**

E181 is a moisture insensitive, wet to dry epoxy adhesive in a paste consistency. The product is designed to meet the requirements of A.S.T.M specification C881-78

### **Principal uses**

- For bonding Wet (Fresh) concrete to hardened (green) concrete
- Can also be used to coat steel to prevent any rusting

### **Advantages**

- Excellent bonding characteristics
- Extended open time
- High abrasion resistance

### **Performance data**

Adhesion testing, concrete failure

### **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

### **Pot life & Curing**

The product has a 40 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 4-6 hours and fully cured before concrete

### **Application**

*Mixing-* using a small trowel, mix component A with component B until uniform colour is achieved

*Application-* use a block brush to apply the product to the substrate. Do not apply concrete immediately wait for at least 45 minutes, but ensure concrete is poured with-in 36 hours from applying epoxy  
Clean equipment with *Brush Master C830*

### **Yield**

2m<sup>2</sup> per ℓ depending on the substrate profile

### **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; 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:** 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 ASHAKepoxerite 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.