

# LARFIX E EPOXY ADHESIVE



Larfix E is a solvent-free, two-pack, non-sagging, synthetic adhesive, based on selected epoxy resins and fillers. It is ideal for the bonding of numerous building materials and for the fixing of (instead of doweling or screwing of) concrete, rocks, glass and metals on horizontal, inclined and vertical surfaces (including overhead). Larfix E is also suitable for the rigid, watertight and structural sealing and filling of shrinkage and contraction cracks, holes and honeycombing, as well as the rigid surface sealing of walls, floors, tanks, canals, sumps, silos, etc.



**WATERPROOF**  
**IMPACT RESISTANT**  
**PERMANENTLY RESISTANT TO TEMPERATURES UP TO +70°C**  
**THIXOTROPIC, NON-SAGGING**  
**HEAVY-DUTY QUALITY**  
**LOW SHRINKAGE**

**TECHNICAL INFORMATION:**

<b>PRODUCT INFORMATION</b>	
<b>COLOUR:</b>	Light Grey (when mixed)
<b>DENSITY:</b>	1500 kg/m <sup>3</sup>
<b>MOISTURE SENSITIVITY:</b>	Negligible
<b>COMPRESSIVE STRENGTH:</b>	50-60 N/mm <sup>2</sup>
<b>TENSILE STRENGTH:</b>	> 15 N/mm <sup>2</sup>
<b>FLEXURAL STRENGTH:</b>	> 35 N/mm <sup>2</sup>
<b>POTLIFE:</b>	30 min @ 20°C
<b>INITIAL CURE:</b>	12 hrs @ 20°C
<b>FULL CURE:</b>	2 - 3 days @ 20°C
<b>COVERAGE:</b>	Dependent on the nature of the surface and usage. A 5kg pack produces approx. ~3.3L of trowelable mortar

## **DIRECTIONS FOR USE:**

### **PREPARATION**

The surface must be sound, dry and clean. Loose particles, rust, grease, cement laitance, dust and other contaminants, which may affect adhesion, must be removed. Depending on the condition, cleaning can be done by shot-blasting, grinding, brushing, use of a compressed air tool, solvent wiping, etc.

### **MIXING**

Add the black Component B to the white Component A. Mix thoroughly by stirring with a low speed drill until a uniform grey compound is obtained, free of streaks. When working at low temperatures, it is advisable to store the components at 15-20°C prior to use.

### **APPLICATION**

**Bonding:** apply the well-mixed compound with a spatula to both surfaces to be bonded and press them together immediately. Support overhead work for 24 hours.

**Anchoring:** place Larfix E into anchor holes with a spatula or gun. Also, coat the pre-cleaned anchors with Larfix E and press them immediately into the hole. If necessary, fix anchors with a support for about 24 hours while curing.

**Repairs:** cracks, honeycombs, grooves, etc are sealed with Larfix E using a spatula or injection technique. For filling larger cracks, holes or patches, Larfix E can be mixed with up to 50% fine, dry filler and can also be used with injection techniques. Consult our Technical Department for further advice.

### **RESTRICTIONS**

All work should be carried out to current best practice and industry standards. Ensure substrate is suitable for intended use and of sufficient strength to carry intended loading. Ambient and substrate temperatures should be at least +5°C at application. When fixing at height or overhead, secondary mechanical fixing methods are recommended. For best results, mechanical preparation techniques should be used.

### **CLEANING**

Clean tools, equipment, etc. using a suitable cleaning solvent. Mechanical means are necessary when the product has set.

### **STORAGE**

Larfix E should be stored in closed containers protected from extremes of temperature.

### **SHELF LIFE**

12 months in unopened manufacturer's containers.

### **PACKAGING**

1kg and 5kg packs.