

TECHNICAL DATA SHEET

Larfix E

WATERPROOF

IMPACT RESISTANT

PERMANENTLY RESISTANT TO TEMPS. UP TO+70°C

THIXOTROPIC, NON-SAGGING

HEAVY-DUTY QUALITY

LOW SHRINKAGE

Larfix E is a solvent-free, two-pack, nonsagging, 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.



















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PRODUCT INFORMATION

COLOUR	Light Grey (when mixed)
DENSITY:	1500 kg/m ³
MOISTURE SENSITIVITY:	Negligible
COMPRESSIVE STRENGTH:	50-60 N/mm ²
TENSILE STRENGTH:	> 15 N/mm ²
FLEXURAL STRENGTH:	> 35 N/mm²
POT LIFE:	30 min @ 20°C
INITIAL CURE:	12 hrs @ 20°C
FULL CURE:	2 - 3 days @ 20°C
COVERAGE:	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

<u>Bonding</u>: 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.

<u>Repairs</u>: 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

The information and recommendations above are given in good faith based on our current knowledge and experience of the products when properly stored, handled, and applied in accordance with current best practice, national standards, and our recommendations. As we have no control over site conditions or methods of application, no liability can be derived from the contents of this information sheet, or from any written recommendations, or from any other advice offered. The user of the product is solely responsible for the product's suitability for the intended application and is recommended to test the suitability prior to use. We reserve the right to change the properties of our products without notice. All orders are sold subject to our current terms of sale and delivery. With the publication of this Technical Information Sheet all previous editions are no longer valid.