# **TECHNICAL DATA SHEET**

Version: 02 Issued: May 12

# EU PRIMER



LARSEN

EU Primer is a universal two pack epoxy primer for use with both resin and cement-based systems. It provides high strength bonding of self-levelling compounds, repair mortars, epoxy screeds, mortars and coatings to a variety of substrates. EU Primer acts as an adhesive membrane and will improve the chemical, water and vapour permeability resistance of surfaces. It may also be used as a surface sealer for hardening screeds and concretes. EU Primer is the bonding agent in the HDS resin screed system.

<image>

EXCELLENT ADHESION MONOLITHIC BOND QUALITIES LONG OPEN TIME ABSORBS AND TRANSMITS HIGH STRESSES OUTSTANDING ADHESION



Version: 02 Issued: May 12

# **TECHNICAL INFORMATION:**

PRODUCT INFORMATION	
COLOUR (Base A):	Clear
COLOUR (Hardener B):	Straw
POT LIFE:	40 mins @ 20°C, 25 mins @ 30°C
OPEN TIME:	3 hours @ 20°C, 1.5 hour @ 30°C
TACK-FREE:	10 hours @ 20°C, 6 hours @ 30°C
LIGHT TRAFFIC:	24 hours @ 20°C, 12 hours @ 30°C
FULL TRAFFIC:	48 hours @ 20°C, 36 hours @ 30°C
FULLY CURED:	7 days @ 20°C, 6 days @ 30°C
FLEXURAL STRENGTH:	> 40 N/mm <sup>2</sup>
TENSILE STRENGTH:	> 30 N/mm <sup>2</sup>
APPLICATION TEMPERATURES:	3°C - 30°C
COVERAGE:	4-5m²/kg (dependent upon surface texture and porosity)



## **DIRECTIONS FOR USE:**

### PREPARATION

All substrates must be suitable for the intended application as per current good working practices. Surfaces must be dry and free from dust or any contamination which may interfere with adhesion. Ideally suitable mechanical methods should be used, e.g. enclosed shot-blasting, grinding, etc, to provide a clean, stable, open-textured surface.

### MIXING

Pour total Hardener B into Base A container and drain thoroughly. Mix thoroughly by mechanical means, i.e. by use of electric drill with a slow speed stirring head. Ensure that the mixing is thorough. Never split or proportion packs of EU Primer.

### **APPLICATION**

Some systems require a wet on wet application onto EU Primer; otherwise EU Primer is used to provide a mechanical key. Consult the relevant technical datasheet or contact our technical department for further advice.

- a) WET ON WET APPLICATION apply the mixed EU Primer uniformly to the surface by roller or squeegee. Do not allow to puddle. Apply subsequent product while the EU primer is still tacky typically within 2 hrs @ 20°C.
- b) MECHANICAL KEY apply the mixed EU Primer uniformly to the surface by roller or squeegee. Do not allow to puddle. Fully broadcast the primer with clean, kiln-dried 0.6 1.2mm sand at a typical rate of 2kg/m<sup>2</sup>. Allow to cure (typically 12 hours) then brush or vacuum off the excess sand to leave a sandpaper-like finish. Ensure no 'bald' patches remain. Subsequent coatings may then be applied.
- c) AS SEALER apply the mixed EU Primer uniformly to the surface by roller or squeegee. Do not allow to puddle. Allow a minimum of 24hrs before trafficking.

### **CLEANING**

Clean tools, etc. with Larsolve Thinners or similar before EU Primer hardens.

### RESTRICTIONS

All work should be carried out using current best practice. Rate of cure will be affected by ambient and substrate temperature. Curing will be slower at low temperatures and faster at higher temperatures. All external work should be protected from moisture until cured or over-coated. EU Primer may 'yellow' when used as a sealer externally.

### STORAGE

Free from extremes of temperature. Crystallisation may occur when stored at low temperatures. Should this occur, store in a warm place until crystals dissolve before using.

### SHELF LIFE

12 months in manufacturer's unopened 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. For further information consult our Technical Department BELFAST: 028 9077 4000 DUBLIN: 01 834 8255

www.larsenbuildingproducts.com