




TECHNICAL DATA SHEET

EU PRIMER

EXCELLENT ADHESION

MONOLITHIC BOND QUALITIES

LONG OPEN TIME

**ABSORBES AND TRANSMITS
HIGH STRESSES**

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.



For further information, consult our Technical Department.

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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 ²
TENSILE STRENGTH:	> 30 N/mm ²
APPLICATION TEMPERATURES:	3°C - 30°C
COVERAGE:	4-5m ² (dependent upon surface texture and porosity)

APPLICATION INFORMATION

PART A DENSITY:	1.04-1.45g/cm ³
PART A VISCOSITY:	740-900cp
PART B DENSITY:	1.01-1.11g/cm ³
PART B VISCOSITY:	65-85cp
APPLICATION TEMPERATURE:	3°C - 30°C

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/m². 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.

DIRECTIONS FOR USE (continued)

PREPARATION (CONTINUED)

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.