

TWO-COMPONENT, 100% SOLIDS CONTENT EPOXY RESIN

Ultradry is a low viscosity bicomponent epoxy resin for application in one layer. It is specially designed to absorb moisture in humid substrates and improve planimetry for **Ultraflex system**, as in concrete, mortar or ceramic substrates **with a high residual moisture** or **negative pressure**.

USES

Ultradry has been specially developed for application in the following situations:

- ▶ Concrete, mortar or ceramic substrates. "Green mortar"
- ▶ Vapor barrier

SPECIFICATIONS

- Aromatic two-component, 100% solids content epoxy resin, solvent-free, odourless.
- Retain the residual moisture up to 98% in supports as mortar or concrete.
- Excellent adherence in porous surfaces; concrete, mortars and ceramic tiles.
- Do not apply **ULTRADRY** in structural joints

Density	1,45±0,05 g/cm ³
Consumption for application	±200 to 400 g/m ²
Application method	Notched trowel or rubber lip
Application temperature range	+2°C to +35°C (ambient)
Maximum humidity	±98% (support)
Drying time	± 2 to 4 h (depends on the thickness)
Pot life	1 hour

APPLICATION METHOD:

- The surface to be covered should be flat, firm and free from substances which might hinder adherence: dust, lime, plaster, paint, adhesive and any non-humidity resistance substrate.
- Remove superficial water in the surface.
- **ULTRADRY** has been designed by combining component A and component B. Pour the content of component B into the container of the component A and mix well with a mechanical shaker in slow speed until obtain a uniform color and consistency.
- Apply a **ULTRADRY** homogeneous coat with a toothed trowel. The yield may vary depending on the substrate condition, planimetry and/or objective of the application.
- As a moisture blocker, we recommend to apply 500 g/sqm approx., while as an absorbant for surface moisture 200 g/sqm may suffice. You can apply by roller in thin layers, or in one layer with a trowel or rubber lip (self-levelling system).

TECHNICAL DATA

Viscosity	4.000-6000 cps (ISO 2555)
Viscosity per components A/B	26.000-30.000 cps / 300-400 cps (ISO 2555)
Density per components A/B	1,72±0,08 / 1,10±0,05 g/cm ³ (ISO 1675)
Solid contents	100% (ISO 1768)
Total drying time	9-10 hours
Recoat time	9-24 hours
VOC content (volatile organic compounds)	0
High bond Strength by pull-off	3,98 MPa
DILUTION	DO NOT DILUTE

(*) The values shown on this table are approximate and may vary depending on surface conditions or application method.

PACKAGING: 15 KG PACK: Component A (12 kg) + Component B (3 kg) (Metal tins)

SHELF LIFE: 12 months at temperatures between 5°C to 35°C, provided it is stored in a dry place. Once the tin has been opened, the product must be used immediately.

HANDLING AND TRANSPORTATION: These safety recommendations are necessary during the application process, as well as before and after, or upon exposure while loading machinery.

- ▶ **Skin protection:** Use rubber gloves and wash immediately after contamination. Wear clean clothes covering your entire body. Wash thoroughly with soap and water after use and before eating, drinking, or smoking. Contaminated clothing must be dry cleaned. Eyes/Face: Wear safety goggles to prevent splashing.
- ▶ **Respiratory protection:** When handling or spraying, use an approved air-purifying respirator.
- ▶ **Waste:** Waste generation should be avoided as much as possible. Incinerate under controlled conditions in accordance with local and national laws and regulations. For more information check the safety data sheet of the product.