

CLEARCOAT

RANGE
**ULTRA
FLEX**

CLEARCOAT is a single component, transparent and aliphatic polyurethane resin, which once made forms a continuous, elastic, and totally waterproofed membrane, with great durability and resistance to the UV rays and wheatear conditions. Excellent mechanical proprieties and surface hardness. Trafficable.

CLEARCOAT is especially developed for waterproofing those areas where the priority is to maintain the original aesthetics. .

Ideal for the waterproofing of trafficable roofs, terraces, balconies and overhangs. Manually applied, by a solvent resistant roller or brush.

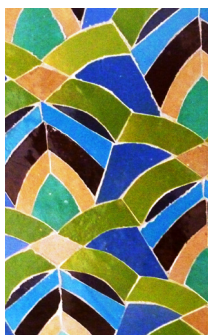
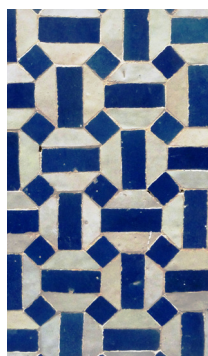
USES

- ▶ Waterproofing of trafficable roofs, terraces, balconies and overhangs
- ▶ As an anti-slip finish for the Ultraflex waterproofing system.

Consumption	±1 Kg/m2 (1 mm thickness)
Tack free at 23°C	±6 hours
Tensile strength at 23°C	>2MPa
Elongation at break at 23°C	>100%
Dilution	5% solvent (<i>airless equipment</i>)
Application method	by brush, roll, or "airless" equipment

GENERAL FEATURES

- **CLEARCOAT** is a 100% waterproof, highly elastic and wear-resistance membrane. Once applied, it offers a great durability and stability. Completely aliphatic and transparent. It is resistant to microorganisms.
- Ideal for application on tiles, paving stones, natural stones, wood, etc.
- For other applications, please ask our technical department.
- **CLEARCOAT** easily adapts to any surface, providing a seamless membrane, becoming the ideal product for application on uneven surfaces..
- Great wear-resistance. It maintains its transparency.
- High resistance to weather conditions and to UV radiation. Excellent mechanical properties
- It is not recommended for the waterproofing of pools or areas of total water immersion.
- Do not apply **CLEARCOAT** on surfaces with temperatures above +35°C, or if there is humidity or moisture on the surface at the time of the application.
- Cleaning: Do not use bleach or highly corrosive products. .



TECHNICAL DATA

CLEARCOAT

CHARACTERISTICS	VALUES
Work temperature	-40 ~ 80 ^a C
Surface temperature range	3 ~ 35°C
Hardness at 23°C	Shore A >80
Especific weight at 23°C	1.000 kg/m ³
Viscosity at 23°C	±1060 cps
Flash point	>42°C
Adherence to concrete	>2 MPa
Recoat range time at 23°C	6 ~ 24 hours
Dry extract	±80%
Potassium hydroxide contact 8% 10 days at 50 °C	No significant changes in the elastomeric properties
Sodium hypochlorite contact 5% 10 days	No significant changes in the elastomeric properties
Thermal stability (100 days at 80°C)	OK
Water absorption	< 1,4%
QUV Resistance to weather test (4hr UV, at 60 °C (UVB light) & 4hr at 50 °C)	OK 3000h

YIELD: 0.5 to 1 kg/m², applied in 1 or 2 coats according to method and application conditions.

PACKAGING: 5 and 20 Kg metallic tins.

SHELF LIVE: 12 months. Stock under dry conditions at temperatures between 5°C a 35°C.

APPLICATION METHOD

- As a waterproofing membrane:
 - Duly prepare the surface: clean from dust, grease or oils, likens, etc., and correctly treat cracks and fissures.
 - You can use it without primer. Application on 2 lays with an average consumption of 0.5 Kg/m²/coat.
 - Recoat time: from 2 to 6 hours, depending on weather conditions.
- As a finishing top coat:
 - Apply in a thin lay on the anti-slip finish of Ultraflex System, once it is cured.

HANDLING

- ▶ **Respiratory Protection:** When handling or spraying use an air-purifying respirator.
- ▶ **Skin protection:** Use rubber gloves, remove immediately after contamination. Wear clean body-covering. Wash thoroughly with soap and water after work and before eating, drinking or smoking.
- ▶ **Eye / Face:** Wear safety goggles to prevent splashing and exposure to particles in air.
- ▶ **Waste:** Waste generation should be avoided or minimized. Incinerate under controlled conditions in accordance with local laws and national regulations.