

## TECHNICAL DATA SHEET

**ULTRATOP** is a single component aliphatic polyurethane resin to be used as topcoat for Ultraflex liquid membrane. Ultratop has a glossy finish and forms a flexible, continuous film, with excellent adhesion and mechanical properties as its excellent resistance to abrasion and stress that make it resistant to weathering, extreme temperatures and UV radiation which makes Ultratop an ideal finish coat for balconies, walkways and other applications in flat roofing.

## USES

- ▲ Topcoat for Ultraflex liquid system on flat roofs.
- ▲ Ultraflex Topcoat for car parks with a very light traffic (private car parks).
- ▲ Protection layer for Ultraflex on balconies, walkways and maintenance strips.

yield	±150 g/m <sup>2</sup> /coat
tack free time at 23°C	±25 minutes
recoat time at 23°C	1~48 hours
application method	by brush, roller or "airless" equipment
Coverage per drum	30 sqm

COLOURS: Dark Grey (RAL7042) / Other colours available upon request

## GENERAL FEATURES

**ULTRATOP** is a glossy, aliphatic, single component, pigmented, polyurethane resin .

Tack free time: 25 minutes; pot life: 3 hours

It forms a protection coating, easy to clean and maintain and resistant to algae and mold growth.

**ULTRATOP** should be applied in dry conditions avoiding the presence of humidity or water coming from the surface to be coated or the substrate, whether at the time of application or subsequently .

Apply on dry, firm substrates, with a surface temperature of between 3 °C above dew point, an ambient temperature of at least 10 °C.

**ULTRATOP** must be applied in thin layers, with roller, brush or airless spray equipment (nozzle: 0.007" to 0.011"; nozzle tip pressure, 180 to 200 kg/m<sup>2</sup>).

It can be thinned using pure xylene, up to 5% for applications with airless spray equipment.

Do not apply on swimming pools or, in general, on surfaces that subject to total immersion.

**ULTRATOP** can be applied as a non-slip finish as follows: Apply a thin layer of ultratop and broadcast silica sand or aggregate. If required an additional layer of Ultratop can be applied on the aggregate to encapsulate the antislip system.

## YIELD

The yield of Ultratop varies depending on the layers applied, the type of substrate or the final use. It is applied in thin layers, consumption is approximately 150~175 g/m<sup>2</sup>/layer.

## PACKAGING

5kg tins – coverage 30 sqm aprox

## SHELF LIFE

Expires after 12 months, at temperatures between 5° C and 35°, provided it is stored in a dry place.

## HANDLING AND TRANSPORT

These safety recommendations for handling, are necessary for the implementation process as well as in the pre-and post, on exposure to the loading machinery.

- ▲ **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.

## TECHNICAL FEATURES

PROPERTIES	VALUES
Density at 23 °C ISO 1675	±1,20±2 g/cm <sup>3</sup>
Solid contents ISO 1768	±63%
Adherence to concrete at 23 °C	>1,3 MPa (N/mm <sup>2</sup> )
Tack free time at 23 °C	±25 minutes
fully cured time at 23°C	7 days
Application temperature range	5 °C~ 30 °C
Recoat time at 23 °C	0,5~48 hours
Trafficable time at 23 °C	±3 hours
Service range temperature	-30 °C~80 °C
Application method	by roller or airless equipment
Dilution (Airless machine)	Pure Xylene (max. 5%)

Approximate values, can vary depending on the temperature, humidity or application method.