

TECHNICAL DATA SHEET

ULTRATOP WR is a two-component aliphatic polyurethane resin used for coating and protection for ULTRAFLEX aromatic liquid polyurethane membrane. Once applied, ULTRATOP WR has a shiny finishing and forms a flexible and 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. ULTRATOP WR has been especially designed to be in contact with chlorinated waters, even underwater for that is particularly suitable for the lining of pools, lakes or aquatic areas. Resistant to algae and mold growth.

USES

- ▲ Swimming pools, aquariums, ponds with chlorinated water, on porous or nonporous surfaces, channels and water reservoirs.
- ▲ As a continuous surface coating for industrial or commercial resistant flooring use. Used in walkable /car park transit use.

yield	200 g/m ² /coat
tack free time at 23°C	± 2 - 4 hours
recoat time at 23°C	4-48 hours
application method	by brush, roller or "airless" equipment
Coverage per drum	25 sqm

* Check our Technical Department in case of water tanks used for human consumption

** 5% maximum dissolution if applicated with spray equipment

GENERAL FEATURES

Apply ULTRATOP WR on dry, firm substrates, with a surface temperature of between 3 °C above the dew point, an ambient temperature of at least 8 °C and RH inferior to 80%. It 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 (pressure from phreatic water level).

ULTRATOP WR must be applied in thin layers, with a roller, brush or airless spray equipment**. Mix both components together well using a rod stirrer until the two components are completely mixed. In case of using the neutral version of the product, first mix the pigments with A component.

WATERPROOFING OF AQUATIC AREAS: Apply ULTRATOP WR in thin layers, with a roller, directly over Ultraflex polyurethane membrane. In the event of an application in pools, ponds fill water until after 7 days after the application of the final layer of ULTRATOP WR. It offers excellent resistance to cleaning products in chlorinated areas (use always automatic equipment). Maximum admissible content of chlorine: 0,5 mg chlorine per water liter.

YIELD

The yield of ULTRATOP WR covers a surface of aprox. 25 square meters.
Consumption : 150-200 gr/square meter/layer

PACKAGING

Metal cans. Bicomponent. Pack of 5kg (4kg + 1kg). Clear grey and neutral version (supplied with pigments). Other colors and formats available on demand.

SHELF LIFE

24 months for component A and 12 months for component B, counting from the manufacturing date. Store in a dry place at a temperature between 5 and 35 degrees.

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 ³
Solid contents ISO 1768	±63%
Adherence to concrete at 23 °C	>1,3 MPa (N/mm ²)
Application temperature range	5 - 35 C
Trafficable time at 23 C	24 hours
Application temperature range	5 °C~ 30 °C
Pot life	>1h

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

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