INNO - SEAL
FOX ULTRATEX
Three Layer Water and Moisture Insulation Membrane

Description
FOX ULTRATEX is a 3-layer water and moisture insulation membrane with crack bridging feature that can be used under ceramic and natural stone applications, on walls and floors.

Fields of Application
• On walls and floors indoors and outdoors,
• Wet areas (toilet, bathroom, shower, kitchen, etc.)
• Pools
• Water tanks,
• It is used under coating on balconies and terraces.

Advantages
• Easy to apply.
• It is economical.
• Flexible, has crack bridging
• Wide range of resistance to chemicals. It has high alkali resistance.
• It is perfectly compatible with cement and acrylic based insulation materials.
• It provides solutions to all kinds of details.

Technical Data

Structure of Material		Polypropylene Felt and Modified Polyethylene
Thickness		0,65 mm
Weight		235 g/m^2
Explosion Pressure		2,8 bar
Elongation at Transverse Break	DIN EN ISO 527-3	%230
Service Temperature		-30°C / +90°C

The above values are given for + 23 ° C and 50% relative humidity. High temperatures shorten the time, low temperatures extend the time.
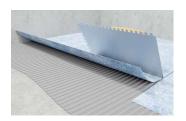
Application Procedure
Surface Preparation

The surface to be applied must be sound, free of any oil, grease, rust, paraffin, paint, bitumen residues that will prevent adhesion to the surface, and all loose parts must be cleaned. Existing gaps, uneven surfaces and corner edges should be made with **FOX TRIPLETAPE 120** chamfer tape.

Application

1) FOX TRIPLETAPE 120 chamfer tape is applied to the wall-floor junctions (chamfers) in the area to be insulated. The chamfer tape is adhered to the surface with a cement-based fully elastic waterproofing material.

2) Waterproofing membrane rolls are prepared for application and sized according to the application area.

3) FOX CERAFLEX FX114 (C2TES1) tile adhesive is prepared by taking into account the amount of water indicated on the package.

4) 4 mm x 4 mm toothed notched trowel should be used in the application of the adhesive.

5) Ceramic adhesive is applied to the surface with the toothed side of the trowel.

6) The waterproofing membrane is easily laid on the tile adhesive on the wall and floor and applied. For ease of application, it is recommended to apply on the walls from top to bottom.

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7) FOX ULTRATEX waterproofing membrane is applied with a overlap method (one side on top of another) of minimum 5 cm at the joints. The overlapping areas of the waterproofing membrane should be locked (at least 5 cm) with a cement-based fully elastic waterproofing material.

8) After the waterproofing membrane is placed on the surface, the excess ceramic adhesive, air bubbles and loose parts under it are smoothed out with a flat trowel. The formation of gaps under the membrane is prevented.

9) After **FOX ULTRATEX** application, it is recommended to apply cement-based fully elastic waterproofing material **(FOX MULTISEAL FS478/FOX ULTRASEAL-UV FS485)** as a second insulation layer on the insulation membrane in wide-opening terraces and pool insulations.

Consumption

Variable

Watch Points

• The ceramic adhesive used to adhere the **FOX ULTRATEX** waterproofing membrane to the surface must be of minimum C2-S1 class.
• Working and reaction times in ceramic adhesive mortars are affected by air temperature, humidity and floor temperatures. **FOX ULTRATEX** waterproofing membrane should be applied during the working period of the ceramic adhesive in order not to experience adhesion weakness.
• Care should be taken not to leave any gaps between the membrane-ceramic adhesive-floor.
• While sticking the **FOX ULTRATEX** waterproofing membrane to the floor, sharp and sharp-edged hand tools should not be used. The formation of cuts and holes on the membrane surface should be avoided.
• In places where ground humidity is high, the ground should be waited for drying before applying.
• It is recommended to use **INNO-FIX** series ceramic adhesives if it will be covered with materials such as ceramics and marble.

Package

Roll Size: 1 x 50 m (50 m^2/roll)

Storage

Should be stored in its original package, in a cool and dry place protected from frost. In short-term storage, maximum 2 pallets should be placed on top of each other and shipment should be made with the first-in, first-out system. In long-term storage, pallets should not be placed on top of each other.

Safety Precautions

It is dangerous to approach the storage and application areas with fire. Storage and application areas should be ventilated.
During the application, work clothes, protective gloves, goggles, masks in accordance with the occupational health and safety rules should be used. During storage and application, the material should not be contacted with the skin and eyes, if contacted, should be washed immediately with plenty of water and soap, and if swallowed, should be sought medical attention immediately. Foods and drinks should not be taken into the application areas. The material should be stored out of the reach of children.
For detailed information, please refer to the Material Safety Data Sheet.

Disclaimer