



TRANSPARENT ALIPHATIC POLYURETHANE LIQUID APPLIED MEMBRANE

GENERAL DESCRIPTION

ESHADESMOLAST - TR is an one component, crystal clear, solvent-based, liquid applied waterproofing membrane based on aliphatic PU resins.

ESHADESMOLAST - TR exhibits high endurance to UV radiation (it will not yellow) and excellent mechanical, chemical resistance properties.

USES

ESHADESMOLAST -TR is suitable for all waterproofing applications where a transparent sealer is required. It is recommended for waterproofing tiles, natural stones, wood, concrete, glass, etc. It is especially suitable for waterproofing balconies and terraces.

INSTRUCTIONS FOR USE

Surface Preparation

- Application temperature should be above 5 °C. Avoid rainy weather.
- Surfaces should be dry, dust free clean from oils and foreign matter.

Application

ESHADESMOLAST -TR is applied by roll, brush or air-gun in 1-2 layers. Time interval between two layers is at least 3-4 h and not more than 48 h. However, this largely depends on environmental conditions.

On glazed tiles, **ESHADESMOLAST PRIMER - DM** should always be used prior to the application of **ESHADESMOLAST - TR**. Consumption largely depends on the roughness of the substrate. Typical total consumption in one or two layers is 0,2 – 1.0 Kg/m². Factors like surface porosity , temperature & application method can determine consumption values

Curing time of the material is 12 to 24h depeding on enviromental conditions.

Cleaning of tools

Clean immediately after use with paper towels Rollers are not re-usable.



PRECAUTIONS

- Contains volatile solvents-Skin & eyes irritant. Avoid contact with eyes & skin. In case of contact wash thoroughly with plenty of water & soap. In closed spaces use adequate ventilation-Keep in mind that solvents are heavier than air so they creep on the floor.
- Use proper safety equipment (gloves, eye protection) during application and ensure adequate ventilation.
- Seek immediate medical advice in case of swallowing the material
- Do not dispose to the environment -Water pollutant, toxic for aquatic life.
- Ensure that application doesn't take place near naked flame or electrostatic charges.
- For professional use only.



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SELF-LIFE / STORAGE

ESHADESMOLAST - TR has shelf life of 12 months from production date, in its original un opened packaging provided proper storage at dry protected environment with storage temperature from +5 to +30°C. Once pails are opened material needs to be fully utilized.

PACKING

Metallic pails of 20 kg and 5kg.

TECHNICAL CHARACTERISTICS

PROPERTIES	NOMINAL VALUE	TEST METHOD	UNIT
Surface membrane formation time	90 (23°C, 50% R.H)		min
Color	Transparent	Observation	
Density	1.0 ± 0.05	ASTM D 1475	g/cm ³
Elongation at break	160	DIN 53504	%
Tensile strength	10,5	DIN 53504	N/mm ²
Hardness	SHORE A: 75	ASTM D 2240	
Resistance to ageing: 2000 h weathering test With the following cycles α. 4 h under UV radiation, at 60°C β. 4 h moisture exposure, at 50 °C	No yellow color Mechanical properties unaffected Elasticity unaffected	ASTM G 53: QUV-se accelerated weather- ing cyclic corrosion tester	
Service temperature	-40 to +80		°C
Application temperature	+5 to +40		°C

T = Tolerances in the nominal values are in accordance with respective standards. Producer reserves the right to modify the properties of his products.

The information contained in this leaflet is, to the best of our knowledge, true and reliable and is supported by the present state of our knowledge. According to the care taken and the method of application, upon which we have no influence, the values are subject to divergence. Therefore for best results, prior to use, an application test should be made by the user under his own processing conditions.

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