

TECHNO KRAFT ACRYLIC BASED LIQUID MEMBRANE

DESCRIPTION

One component, acrylic resin based, elastomeric flexible waterproofing and coating material that can be easily applied by brush or roller.



Conforms to TS EN 14891
Class: DM

USAGE PLACES

- Outdoors
- In areas with large surfaces such as terraces and balconies
- Vertical and horizontal
- Flat and pitched roofs
- Under ceramic and tiles in wet areas
- Used on chimney edges, streams, eaves and gutters.

POINTS TO PAY ATTENTION TO

- After application, the material should be protected from rain and frost for 24 hours.
- Avoid application under sun and strong wind. Application must be made when the surface temperature is between +5 °C and +25 °C.
- It is not suitable for use in foundation insulation and water tanks.
- Do not apply on wet and damp surfaces.
- Where it is necessary to walk on it, it should be reinforced with a suitable waterproofing net.
- It is recommended to use protective gloves during applications. For more detailed protective measures, please obtain the material safety data sheet of the product from the manufacturer.

ADVANTAGES

- Ready to use product
- Can be easily applied by everyone with roller and brush
- Maintains its elasticity even at low temperatures
- Does not prevent surfaces from breathing
- Its white colour and glossy structure provides resistance against sun rays.
- It has UV resistance.

SURFACE PREPARATION

The application surface must be free from all kinds of dirt, rust and oil. The loose parts on the surface must be cleaned and the application must be made on solid surfaces.

Defects and cracks on the surface should be corrected with KRAFT Repair Mortar.

Steel surfaces should be primed with rust preventive primer.

USAGE TYPE

TECHNO KRAFT Liquid Membrane is a ready-to-use material and can be used by dilution. When it is desired to be used as a primer Add 50% water and mix with a mixer at 400-600 rpm for at least 3 minutes. The prepared material should be applied to the surface with a brush or roller.

The areas with cracks and joints should be supported with a suitable waterproofing net after the first coat application. 2nd coat application should be done at least 4 hours after the first coat application. Depending on the temperature and humidity of the weather, this period may be longer or shorter. Each layer application should be maximum 1.5 mm. In thicker applications, cracks will occur in the material.

VARLIK MINERAL GEOTHERMAL ENERGY MINING CONSTRUCTION TRADING CO.

CENTRE: Beştepe Mah.No:1/113 Yenimahalle/Ankara

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TECHNO KRAFT ACRYLIC BASED LIQUID MEMBRANE (TECHNICAL DATA SHEET)

The material can be coloured with paste pigment if desired. Or it can be painted with acrylic based exterior paint after drying is completed. After application, all equipment used must be cleaned with water. Otherwise, the hardened material can only be cleaned mechanically.

EXPENDITURE

For 1 mm thickness	1.5 kg/m ²
Terrace Applications	3-4 kg/m ²
In the streams	2-3 kg/mm ²

TECHNICAL SPECIFICATIONS

Colour	Transparent	
Material Content	Acrylic Resin Based Liquid	
Consistency	Brush consistency	
Density	≈1.3 kg/lt	
Application Surface Temperature	+5 °C to +25 °C	
Application Thickness	1 - 2 mm	
Touch Duration	Min 2 hours	
Waiting Time Between Floors	Min 4 hours	
Water absorption rate	(24 hours under water) ≤2	
Tensile Strength	1.50 N/ mm ²	
Mechanical Strength Gaining Time (water impermeability)	7 Days	
Full Drying Time	48 hours	
Elasticity	%400	
Shelf Life	12 months from the date of manufacture under appropriate storage conditions When not in use, the packaging should be tightly closed and the material should be consumed within 1 week at the latest.	

The above values are valid at +21 °C and 50% relative humidity.

PACKAGING and STORAGE

CODE	PACKAGING
KR-ACL 300	TECHNO KRAFT Acrylic Based Liquid Membrane (20 kg)

Store the material in its unopened packaging in a dry environment, protected from frost. Do not stack pallets on top of each other especially for long term storage.

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