

ARBOFLEX[®] PU TRANSLUCENT

SINGLE COMPONENT, TRANSPARENT AND ALIPHATIC PU WATERPROOFING MEMBRANE

ARBOFLEX PU TRANSLUCENT is a single component, transparent and aliphatic polyurethane resin, which forms a continuous, elastic, seamless or overlapping waterproofing layer.

PRODUCT APPLICATION

For waterproofing flat roofs, terraces, balconies and overhangs.

- Brush or roller applied

NOTE: contact our technical department about the application to other supports or situations

Recommended consumption	± 1 g/cm ³ (1 mm thickness)
Tack free at 23 °C	± 6 hours
Tensile strength at 23°C	>20 MPa
Elongation at break at 23°C	>200%
Application method	Brush or roller applied

COLOUR

	TRANSPARENT
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PRODUCT FEATURES

- ARBOFLEX PU TRANSLUCENT is a highly elastic and wear-resistant membrane that, once applied, provides great stability and durability.
- ARBOFLEX PU TRANSLUCENT adapts to most surfaces, making it the ideal product for application on uneven surfaces and in areas of varying shape*.
- Applying ARBOFLEX PU TRANSLUCENT reduces seals and joins, as the finish is uniform and makes up a single layer. It provides a surface with optimum maintenance and cleaning properties.
- ARBOFLEX PU TRANSLUCENT should be applied in dry, non humid conditions at the time of application or subsequently (pressure from phreatic water level). It doesn't require UV protection to maintain its properties, as it is an aliphatic membrane.
- ARBOFLEX PU TRANSLUCENT system's properties enable it to bond to a range of substrates including natural stone and ceramic. For any specific substrates, please contact our technical department.
- Not recommended in pools or chemically treated water. Once dry, do not clean with bleach or highly corrosive products.
- Do not apply ARBOFLEX PU TRANSLUCENT in temperatures above +35 ° C.
- If there is humidity or moisture in the substrate at the time of application, check the technical specifications of our primers where the maximum support humidity ranges are specified.

YIELD

Product yield is 0.5 to 1 kg/m², applied in 2 layers, depending on the application method and conditions.

PACKAGING

5KG metal tins

SHELF LIFE

12 months at temperatures between 5° C and 35° C, provided it is stored in a dry place. Once the tin is opened, the product must be used immediately.

APPLICATION

- Ensure roof substrate has suitable strength to withstand the waterproofing membrane.
- Clean up the surface, removing dust, oils, debris and existing chippings.
- We recommend applying this product with ARBOFLEX PU PRIMER and allow 15-20 minutes drying time.
- Can be brush and roller applied.

HANDLING

These safety recommendations for handling are necessary for the pre and post implementation process, 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 suit. Wash thoroughly with soap and water after work and before eating and drinking.
- Eye / Face: Wear safety goggles to prevent splashing and exposure to particles in the air.
- Waste: Waste generation should be avoided or minimized. Incinerate under controlled conditions in accordance with local laws and national regulations.

For further information contact our technical department.

**Please consult our technical department for a specific substrate.*

TECHNICAL DATA

CONCEPTS	RESULTS
Specific weight at 23°C ISO 1675	1.00 gc/m ³
Viscosity at 23°C ISO 2555	±1060 cps
Flashpoint	>42 °C
Elongation at 23 °C ISO 527-3	>200%
Tensile strength at 23 °C ISO 527-3	<20 MPa
Tear strength ISO 34-1	85 N/mm
Hardness shore A DIN 53505	85
Initial dry time at 23 °C	±6 hours
Adherence to the concrete	>20 MPa
Recoat range time 23°C	6~24 hour
Dry extract	±80%
Work temperature	-20~80 °C
Surface temperature range	5~35 °C
Shore A hardness at 23°C	80
Potassium hydroxide contact 8% 10days at 50 °C	No significant changes in the elastomeric properties
Sodium hypochlorite contact 5% 10 days	No significant changes in the elastomeric properties
Thermal stability (100 days at 80 °C)	OK
QUV Resistance to weather test(4hr UV, at 60 °C (UVB light) & 4hr at 50 °C)	OK(3000h)

The values in this table are approximate and can vary depending on the substrate and application method.

Both the information and the product descriptions contained in this publication have been compiled to the best of our knowledge and belief based on our prior experiences and tests. Claims for compensation may not be derived from the same. We reserve the right to make improvements to our product range, in accordance with our high standards in relation to technical advancement and the progression of quality.



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