

High-quality reinforced membrane (PVC-P) with natural stone optic, embossed and finished 3D surface, for indoor and outdoor swimming pools

✓ **Produced according to EN 15836-2**

Plasticized poly(vinyl chloride) (PVC-P) membranes for inground swimming pools  
Part 2: Reinforced membranes of nominal thickness equal to or greater than 1,5 mm

✓ **Conform to EN 71-3**

Safety of toys - Part 3: Migration of certain elements (heavy metals)

CHARACTERISTIC	VALUE	TEST METHOD
Mass per unit area	2000 g/m <sup>2</sup> - 5 / + 10 %	EN 1849-2
Mean thickness	1,80 mm ± 5 %	EN 1849-2
Reinforcement	2,8 x 2,8 PES 1100 dtex	
Width	1,65 m ± 5 mm	EN 1848-2
Roll length	25 m - 0 / + 1,5 %	EN 1848-2
Flatness	≤ 10 mm	EN 1848-2
Linearity of edges	≤ 30 mm	EN 1848-2
Tensile strength	≥ 1100 N/50 mm	EN 12311-2 Method A
Elongation at break	≥ 18 %	EN 12311-2 Method A
Peel resistance	≥ 80 N/50 mm	EN 12316-2
Tear resistance (trapezoid)	≥ 250 N	EN 12310-2
Dimensional stability (Dimensional change after warm storage 6 h, 80 °C)	≤ 0,5 %	EN 1107-2
Flexibility / Cold flexibility (Resistance to foldability at low temperature)	no cracks at - 25 °C	EN 495-5
Peel resistance of joints	≥ 80 N/50 mm	EN 12316-2
Slip resistance	Class C, ≥ 24 °	DIN EN 16165 Annex A
Resistance to artificial ageing (6000 h)	tbd	EN 20105-A02 EN ISO 4892-2 Method A Cycle No. 1
Resistance to microorganisms	Mass loss ≤ 1%	EN ISO 846 Method D
Resistance to bacteria Streptovercillium reticulum (ATCC 25607)	No stains	EN ISO 846 Method C
Chlorine resistance	tbd	EN 20105-A02 EN 15836-2 Annex C
Resistance to staining agents	Rating ≥ 4	EN 15836-2 Annex D

## PRODUCT DATA SHEET

## STORAGE AND INSTALLATION

Store the rolls horizontally and protect against solar / UV radiation, rain, snow, ice and other weather influences. Storage at temperatures between 5 °C and 35 °C. Do not stack pallets during the storage. Protect the product on-site against direct weathering influences.

The installation should take place at temperatures higher than 15 °C. The product must be installed in accordance with our Installation Manual for reinforced swimming pool membranes. The product shall be welded with hot air by using heat guns.

## ADDITIONAL INFORMATION

Recommended water temperature 35 °C.

Not resistant to tar, bitumen, oil, fuel and other solvents.

Avoid direct contact with other plastics such as polystyrene/polystyrene rigid foam. Installation with separating and protective fleece recommended.

## LEGAL NOTICE

The customer/installer must check the applicability of the product for the intended use. He is responsible for the proper application, usage, and processing of the product.

We assure the correct quality of our products according to our general terms of sale and delivery. All data are according to our current state of knowledge.

On behalf of the warranty, the distributor has to ensure that his customers are informed about our installation and maintenance instructions.

## ECOLOGY, HEALTH AND SAFETY (REACH)

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use.

A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it.

Based on our current knowledge, this product does not contain SVHC (Substances of Very High Concern) from the Candidate List or Annex XIV published by the ECHA (European Chemicals Agency) in concentrations above 0.1 % by weight.

## DISPOSAL

Dispose in accordance with local regulations.

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