

SUPRA (Marble/Mosaic)

Reinforced membrane (PVC-P) with a special protective lacquer, 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
- ✓ **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 ² - 5 / + 10 %	EN 1849-2
Water absorption	≤ 1 %	EN ISO 62 Method 1
CaCO ₃ Content	≤ 3 %	AAS
Reinforcement	2,8 x 2,8 PES 1100 dtex	
Water vapor permeability μ	18000 ± 30 %	EN ISO 12572
Waterproofness (72 h / 400 kPa)	tight	EN 1928 Method B
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
Straightness	≤ 30 mm	EN 1848-2
Mean Thickness	1,60 mm ± 5 %	EN 1849-2
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 (80 °C / 6 h)	≤ 0,5 %	EN 1107-2
Foldability at low temperature	- 25 °C	EN 495-5
Peel resistance of joints	≥ 80 N/50 mm	EN 12316-2
Resistance to artificial ageing (6000 h, color change according to grey scale)	≥ 3	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 (Color change according to grey scale)	≥ 4	EN 20105-A02 EN 15836-2 Annex C
Resistance to staining agents	Rating 5	EN 15836-2 Annex D

PRODUCT DATA SHEET



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POOL SURFACE | MADE IN GERMANY

STORAGE AND INSTALLATION

Store the rolls horizontally, protect them against sunlight, UV-radiation, rain, snow and ice at temperatures between 5 °C and 35 °C. Do not stack the pallets. Avoid direct weathering influences on-site.

Processing should be carried out at ambient temperatures above 15 °C. The product must be installed in accordance with our Installation Manual for reinforced swimming pool membranes. Welding shall be done with hot air by using heat guns or welding machines.

ADDITIONAL INFORMATION

Recommended water temperature up to 33 °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 guarantee the correct quality of our products according to our general terms of sale and delivery. All information corresponds 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 conformed to article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released under normal or reasonably foreseeable conditions of use. According to article 31 of the same regulation, a safety data sheet is not required for market launch, for using and for transporting it.

Based on our current knowledge, this product does not contain any 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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