

- ✓ **Produced according to EN 15836-1**
Plasticized poly(vinyl chloride) (PVC-P) membranes for inground swimming pools
Part 1: Homogenous membranes of nominal thickness equal to or greater than 0,75 mm
- ✓ **Produced according to EN 13967**
Flexible sheets for waterproofing - Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet | Type of application: Damp proof sheet Type A and Tanking sheet Type T
- ✓ **Harmless for health according to EN 71-3**
Safety of toys - Part 3: Migration of certain elements (heavy metals)
- ✓ **Based on pure virgin raw material**

CHARACTERISTICS

- stabilized against UV-ray
- cold resistant and resistant to weathering
- good weldability
- antimicrobially equipped
- resistant to all usual chemicals for water treatment in swimming pools
(according to the chemical instructions), at water temperature max. 28 °C
- REACH conform
- not resistant to tar, bitumen, oil, fuel and other solvents
- not resistant in direct contact to other plastics, f. e. polystyrene

TECHNICAL DATA

PERFORMANCE	PERFORMANCE	PERFORMANCE
Thickness	0,75 mm ± 5 %	EN 1849-2
Mass per unit area	0,95 ± 0,1 kg/m ²	EN 1849-2
Width	variable	EN 1848-2
Roll length	100 m - 0 / + 1,5 %	EN 1848-2
Flatness	≤ 10 mm	EN 1848-2
Straightness	≤ 30 mm	EN 1848-2
Tensile properties:		
- Maximum tensile strength	≥ 16 N/mm ²	EN 12311-2
- Elongation	≥ 300 %	EN 12311-2
Tear resistance (nail shank)	≥ 120 N	EN 12310-1
Dimensional stability (80 °C / 6 h)	≤ 2 %	EN 1107-2
Watertightness (72 h / 400 kPa)	Pass	EN 1928 B
Durability of watertightness:		
- against ageing	Pass	EN 1928 B
- against chemicals	Pass	EN 1847
		EN 1928 B
Joint strength	≥ 350 N/50mm	EN 12317-2
Resistance to foldability at low temperature (- 25 °C)	No cracks	EN 495-5
Visible defects	Pass	EN 1850-2
Resistance to artificial aging (3000 h)	≥ 3 according EN 20105-A02	EN ISO 4892-2 Method A cycle No. 1
Resistance to microorganisms	Mass loss ≤ 1 %	EN ISO 846 D
Resistance to streptovercillium reticulum bacteria ATCC 25607	No stains	EN ISO 846 C
Chlorine resistance	Rating ≥ 3	EN 15836 Annex B
Resistance to staining agents	Rating ≥ 2	EN 15836 Annex C



STORAGE AND APPLICATION INSTRUCTIONS

Rolls horizontal on pallet, protected against sun, rain and other weather influences, at temperature between 5 and 25 degrees C. Processing shall be at temperature min. 10 degrees C.

LEGAL NOTICE

The customer/installer has to 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 conditions of sale and delivery.

All declarations comply with our recent knowledge.

In behalf of the warranty, the distributor has to secure 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 % w/w).