

Natural PEARL

Reinforced waterproofing membrane (PVC-P) with pearl effect and high-quality surface finish for swimming ponds, natural basins, (artificial) ponds, (artificial) lakes, irrigation basins, fire protection ponds and rainwater retention reservoirs.

✓ **Harmless for health according to EN 71-3**

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

CHARACTERISTICS

- Pearl effect with sun-reflective qualities
- High-quality and special acrylic surface coating for protection against stains and discoloration, easy to clean
- Resistant to ageing
- Stabilized against UV rays
- Fungicide-free / non-toxic for fish and plants
- Hot air weldable
- High mechanical strength with polyester fabric
- High dimensional stability
- High flexibility at low temperatures
- REACH conform
- Not resistant to tar, bitumen, oil, fuel and other solvents
- Not resistant in direct contact to other plastics, e. g. polystyrene

TECHNICAL DATA

ESSENTIAL CHARACTERISTICS	PERFORMANCE	TEST STANDARD
Thickness	1.60 mm ± 5 %	EN 1849-2
Width	1.65 m ± 5 mm	EN 1848-2
Roll length	25 m - 0 / + 1.5 %	EN 1848-2
Tensile properties:		
- Maximum tensile strength	≥ 1100 N/50 mm	EN 12311-2 A
- Elongation	≥ 18 %	EN 12311-2 A
Tear resistance (nail shank)	≥ 450 N	EN 12310-1
Straightness	≤ 50 mm	EN 1848-2
Flatness	≤ 10 mm	EN 1848-2
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
Reaction to fire	E	EN 13501-1
Resistance to impact	≥ 300 mm	EN 12691 A
Resistance to static loading (24 h / 20 kg)	≥ 20 kg	EN 12730 B
Joint strength	≥ 1000 N/50mm	EN 12317-2
Visible defects	Pass	EN 1850-2
Dimensional stability (80 °C / 6 h)	≤ 0.5 %	EN 1107-2
Resistance to foldability at low temperature (- 25 °C)	No cracks	EN 495-5

PRODUCT DATASHEET

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STORAGE AND APPLICATION INSTRUCTIONS

Store the rolls in a horizontal lying position and protected against solar / UV radiation, rain, snow, ice and other weather influences at temperatures between + 5 °C and + 25 °C.
The processing should take place at temperatures higher than + 10 °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.

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