

ELBEblue LINE® elite®

Flexible sheets for waterproofing made of plasticized polyvinyl chloride (PVC-P) for the use as lining material for outdoor and indoor swimming pools, phthalate-free and special surface coating

produced according EN 13967
Damp proof sheet Type A and Tanking sheet Type T

Technical Data

Essential characteristics	Performance	Test Standard
Thickness	1.50 mm +/- 5 %	DIN EN 1849-2
Tensile properties:		
- Tensile strength	≥ 1100 N/50mm	DIN EN 12311-2
- Elongation	≥ 25 %	DIN EN 12311-2
Resistance to tear (nail shank)	≥ 500 N	DIN EN 12310-1
Straightness	≤ 50 mm	DIN EN 1848-2
Flatness	≤ 10 mm	DIN EN 1848-2
Water tightness to liquid water (400 kPa / 72 h)	pass	DIN EN 1928 B
Durability of watertightness:		DIN EN 1296
- against ageing	pass	DIN EN 1928 B
- against chemicals	pass	DIN EN 1847 DIN EN 1928 B
Resistance to impact	≥ 300 mm	DIN EN 12691
Resistance to static loading (20 kg / 24 h)	pass	DIN EN 12730 B
Joint strength	≥ 1100 N/50mm	DIN EN 12317-2
Dimensional stability (80 °C / 6 h)	≤ 0.5 %	DIN EN 1107-2
Foldability at low temperature (- 15 °C)	passed	DIN EN 495-5
Reaction to fire	class E	DIN EN 13501-1

Properties

free of phthalate plasticizers
special coating for surface protection
cold-, age- and rot-resistant
stabilized against UV-rays
antimicrobially equipped
weldable only thermally (don't use solvents for welding and cleaning!)
free of regranulated material and heavy metals: physiological unobjectionable according to EN 71-3
resistant to all usual chemicals for water treatment in swimming pools (according to the care instructions), at water temperature max. + 35 °C
not resistant to tar, bitumen, oil, fuel and other solvents
not resistant in direct contact to other plastics, f. e. polystyrene

Storage and Processing

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

We assure the correct quality of our products according to our conditions of sale and delivery.
All declarations comply with our recent knowledge.
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. The product is not suitable for swimming-pool slides.
In behalf of the warranty the distributor has to secure, that his customers are informed about our installation-, care- and cleaning-instructions.



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