

ELBEblue line elite

Flexible sheets for waterproofing made of plasticised polyvinyl chloride (PVC-P) fibre-reinforced, special coating; for swimming pools

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

Technical Data:

Essential characteristics	Performance	Test Standard
Thickness	1.5 mm +/- 5%	EN 1849-2
Tensile properties:		
- Maximum tensile	>= 1100 N/50 mm	EN 12311-2
- Elongation	>= 18 %	EN 12311-2
Resistance to tear (nail shank)	>= 450 N	EN 12310-1
Straightness	<= 50 mm	EN 1848-2
Flatness	<= 10 mm	EN 1848-2
Water tightness to liquid water (72 h / 400 kPa)	pass	EN 1928 B
Durability against aging	tight at 60 kPa	EN 1296/ EN 1928B
Durability against chemicals (sat. basic solution)	tight at 60 kPa	EN 1847/ EN1928B
Resistance to impact (hight=300 mm)	tight	EN 12691 A
Resistance to static load (20 kg/24 h)	passed	EN 12730 B
Joint strength	>= 1100 N/50mm	EN 12317-2
Dimensional stability (80°C, 6 h)	<= 0.5 %	EN 1107-2
Foldability at low temperature (- 15 °C)	passed	EN 495-5
Visible defects	pass	EN 1850-2

Properties

top side equipped with special coating
stabilized against UV-rays
cold resistant and resistant to weathering
weldable only thermally (don't use solvents for welding and cleaning!)
free of heavy metals and physiological unobjectionable according to EN 71/3
phthalate free
resistant to all usual chemicals for water treatment in swimming pools (according to the chemical instructions), at water temperature max. 32 degrees
not resistant to tar, bitumen, oil, fuel and other solvents
not resistant in direct contact to other plastics, f. e. polystyrene

Storage and Processing

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. Product not suitable for pool-slides.

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-, care- and cleaning-instructions.



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