

ELBE blue line SB 100–150

Flexible sheets for waterproofing made of plasticised polyvinyl chloride (PVC-P)
for the use as lining material for swimming pools

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



Technical Data

Thickness	[mm]	1,00-1,50	± 8 %	EN 1849-2
Width	[cm]		± 1 cm	variable
Colour				variable
Embossing				variable
Tensile strength	[N/mm ²]	long./transv.:	≥ 16	EN 12311-2
Elongation at break	[%]	long./transv.:	≥ 200	EN 12311-2
Tear resistance	[N]	long./transv.:	≥ 150	EN 12310-1
Dimensional stability (80°C 6 h)	[%]	long./transv.:	≤ 4,0	EN 1107-2
Straightness (g)	[mm]	g ≤ 50		EN 1848-2
Flatness (p)	[mm]	p ≤ 10		EN 1848-2
Water tightness (400 kPa, 72 h)		tight		EN 1928 B
Durability against aging		tight at 60 kPa		EN 1296
Durability against chemicals (sat. basic sol.)		tight at 60 kPa		EN 1847
Reaction to fire		class E		EN 13501-1
Resistance to impact (hight = 300mm)		tight		EN 12691 A
Resistance to static load (20 kg/24 h)		passed		EN 12730 B
Joint shear resistance	[N/50mm]	long./transv.:	≥ 600	EN 12317-2
		(break outside weld)		
Foldability at low temperature (- 35°C)		passed		EN 495-5

Properties

stabilized against UV-rays
cold resistant and resistant to weathering
good weldability
free of heavy metals and physiological unobjectionable according to EN 71/3
antimicrobially equipped
resistant to all usual chemicals for water treatment in swimming pools (according to the chemical instructions), at water temperature max. 28 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.
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.

