

ELBÉsecur TW 120-150

Flexible sheets for waterproofing made of plasticised polyvinyl chloride (PVC-P) for the use as liner material for drinking water reservoirs etc.

tested according to KTW-qualification and assessment of microbiological growth on materials in drinking water domane accord. DVGW- W270

produced according EN 13967

Damp proof sheet Type A and Tanking sheet Type T

CE 07 1213-CPD-036

Technical Data

Thickness	[mm]	1,20-1,50+/- 7,5%		EN 1849-2
Width	[cm]			variable
Colour		blue		
Embossing				variable
Tensile strength	[N/mm ²]	long./transv.:	≥ 16	EN 12311-2
Elongation at break	[%]	long./transv.:	≥ 300	EN 12311-2
Tear resistance	[N]	long./transv.:	≥ 300	EN 12310-1
Dimensional stability (80°C 6 h)	[%]	long./transv.:	≤ 2,0	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 of water tightness				
against aging		tight at 60 kPa		EN 1296, EN 1928 B
against chemicals (satur. basic. solution)		tight at 60 kPa		EN 1847, EN 1928 B
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.:	≥ 800	EN 12317-2
		(break outside weld)		
Foldability at low temperature (- 40°C)		passed		EN 495-5

Properties

stabilized against UV-rays

root protected

waterproof

weldable

free of lead, cadmium and other heavy metals

not resistant to tar, bitumen, oil, fuel and other solvents

not resistant in direct contact to other plastics, f.e. polystyrene

free of reclaim

Storage

Rolls on pallet, protected against sun, rain and other weather influences

Miscellaneous

These indicated technical data are based on average results. Due to production procedures slight deviations can occur. All technical data are in accordance with the present standard of knowledge and give product information without legal binding. All data apply to new products at time of delivery. Always check validity of certificates. The customer/installer is responsible for the proper use and application of the product.

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This data sheet replaces all previous data sheets