

# ELBÉsecur BE S 150 with signal layer

Flexible sheets for waterproofing made of plasticised polyvinyl chloride (PVC-P)  
for the use in underground works

produced according EN 13967

Damp proof sheet Type A and Tanking sheet Type T



## Technical Data

Thickness	[mm]	1.50	± 5%	EN 1849-2
Colour		black/yellow		
Embossing				variable
Tensile strength	[N/mm <sup>2</sup> ]	long./transv.:	≥ 15	EN 12311-2
Elongation at break	[%]	long./transv.:	≥ 200	EN 12311-2
Tear resistance	[N]	long./transv.:	≥ 120	EN 12310-2
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 = 400mm)		tight		EN 12691 A
Resistance to static load (20 kg/24 h)		passed		EN 12730 B
Joint shear resistance	[N/50mm]	long./transv.:	≥ 700	EN 12317-2
		(break outside weld)		
Foldability at low temperature ( - 40°C)		passed		EN 495-5

## Properties

rotting resistant

root protected according to DIN 16726/EN 14416

with signal layer

not UV resistant

weldable

free of lead and cadmium

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.