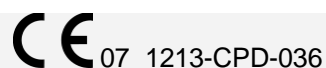


ELBESecur BI 050-080 BV

Flexible sheets for waterproofing made of plasticised polyvinyl chloride (PVC-P)
compatible with bitumen

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



Technical Data

Thickness	[mm]	0,50-0,80 +/-10%		EN 1849-2
Width	[cm]			variable
Colour				variable
Embossing		721		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.:	≥ 80	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
Resistance to bitumen		passed		EN 1548, EN 1928 B
Water tightness (60 kPa, 24 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 = 200mm)		tight		EN 12691 A
Resistance to static load (20 kg/24 h)		passed		EN 12730 B
Joint shear resistance	[N/50mm]	long./transv.:	≥ 350	EN 12317-2
		(break outside weld)		
Foldability at low temperature (- 15°C)		passed		EN 495-5

Properties

rotting resistant
waterproof
weldable
free of lead and cadmium
resistant to bitumen
resistant to oil and diesel

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