

Sikaplan® W 1120-15HL

Polymeric sheet for basement waterproofing

Construction

Description	Sikaplan® WP 1120-15HL is a homogenous sheet waterproofing membrane with a signal layer, based on polyvinylchloride(PVC-P).	
Uses	Waterproofing of all kinds of below ground structures against groundwater.	
Characteristics/Advantages	<ul style="list-style-type: none"> ■ High resistance to ageing ■ High tensile strength and elongation ■ Resistant to root penetration and micro-organisms ■ Resistant to natural aggressive mediums in ground water and soil ■ High water vapour transmission ability ■ High resistance to mechanical impact ■ High dimensional stability ■ High flexibility in cold temperatures ■ Heat weldable ■ Suitable for installation on compacted soils ■ Suitable for contact with acidic soft water (low pH aggressive to concrete surfaces) ■ Suitable for installation on weak substrates(i.e. with a cohesive/pull-off strength <math>< 1.5 \text{ N/mm}^2</math>) ■ Can be installed on damp and wet substrates 	

Product Data

Packaging	2.0 x 20 m roll	
Visible defects	Pass	EN 1850-2
Thickness	1.5(-5/+10%) mm	EN 1849-2
Mass per unit area	1.950 (-5 / + 10 %) kg/m ²	EN 1849-2
Water tightness to liquid water	Pass	EN 1928
Tensile strength,		EN 12311-2
longitudinal (MD)	≥ 14.5MPa	
transversal (CMD)	≥ 14.5MPa	
Elongation,		EN 12311-2
longitudinal (MD)	≥ 290 %	
transversal (CMD)	≥ 290 %	



Foldability at low temperature	$\leq -25^{\circ}\text{C}$	EN 495-5
Dimension stability	$< 2\%$	EN 1107-2
Resistance to impact, 600mm	Req. met	EN 12691
Water Vapour Diffusion	$< 22000 \mu$	EN 1931
Resistance		
Joint Strength	800 N/50mm	EN 12317-2
EN	European Standard	

Disclaimer

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