

Sikaplan® WP 1120-20HL

(Formerly Sikaplan®-14.6)

Polymeric sheet for roof waterproofing

Roofing

Product Description	Sikaplan® WP 1120-20HL is a homogenous sheet waterproofing membrane with a signal layer, based on polyvinylchloride(PVC-P).	
Uses	<ul style="list-style-type: none"> ■ 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<1.5 N/mm²) ■ Can be installed on damp and wet substrates 	
Product Data		
Packaging	2.0 x 15 m roll	
Visible defects	Pass	EN 1850-2
Thickness	2.0(-5/+10%) mm	EN 1849-2
Mass per unit area	2.600(-5/+10%) kg/m ²	EN 1849-2
Water tightness to liquid water	Pass	EN 1928 B
Tensile strength,		EN 12311-2
Longitudinal (MD)	> 14.5 MPa	
Transversal (CMD)	> 14.5MPa	
Elongation,		EN 12311-2
Longitudinal (MD)	> 290 %	
Transversal (CMD)	> 290 %	



Roofing

Foldability at low temperature	-25 °C	EN 495-5
Dimension stability	<2 %	EN 1107-2
Resistance to impact, 600mm	Req. met	EN 12691
Water Vapour Diffusion Resistance	<22000 μ	EN 1931
Joint Strength	1100 N/50mm	EN 12317-2
EN	European Standard	

All data in our product information are based on our current knowledge and experience. They do not release users from careful testing of the application and strict observation of the relevant processing regulations because of the wide range of possible influences during the application and use of our products. Legally valid assurances of specific characteristics or suitability for special purposes of application other than those provided in our documentation for the specific product cannot be inferred from our information. The recipient or processor of our products at their own responsibility must follow any protective rights or existing laws and provisions. Moreover our general terms and conditions of sale and warranty are valid.



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