

Sarnafil® G 476-20

Polymeric sheet for roof waterproofing

Product Description	Sarnafil® G 476-20 (thickness 2.0 mm) is a multi-layer, synthetic roof waterproofing sheet based on premium-quality polyvinyl chloride (PVC) with inlay of non-woven glass.	
Uses	Waterproofing membrane for: <ul style="list-style-type: none">• Green roofs• Ballasted roofs• Utility roofs	

Product Data

Visible defects	Pass	EN 1850-2
Length	15 (-0 / +5 %) m	EN 1848-2
Width	2 (-0.5 / +1 %) m	EN 1848-2
Straightness	≤ 30 mm	EN 1848-2
Flatness	≤ 10 mm	EN 1848-2
Effective thickness	2.0 (-5 / +10 %) mm	EN 1849-2
Mass per unit area	2.6 (-5 / +10 %) kg/m ²	EN 1849-2
Water tightness	Pass	EN 1928
Effects of liquid chemicals, including water	On request	EN 1847
Reaction to fire	E	EN ISO 11925-2 , classification after EN 13501-1
Joint shear resistance	≥ 600 N/50 mm	EN 12317-2
Water vapour transmission properties	μ = 15,000	EN 1931
Tensile strength, longitudinal (md)* transversal (cmd)*	≥ 10 N/mm ² ≥ 9 N/mm ²	EN 12311-2
Elongation, longitudinal (md)* transversal (cmd)*	≥ 200 % ≥ 200 %	EN 12311-2
Resistance to impact, hard substrate soft substrate	≥ 700 mm ≥ 1,250 mm	EN 12691

Roofing



Sarnafil®

Resistance to static load,		EN 12730
soft substrate	≥ 20 kg	
rigid substrate	≥ 20 kg	
Dimension stability,		EN 1107-2
longitudinal (md)*	≤ ± 0.2 %	
transversal (cmd)*	≤ ± 0.1 %	
Foldability at low temperature	≤ -25 °C	EN 495-5
Resistance to root penetration	Pass	FLL
	*md = machine direction *cmd = cross machine direction	

Legal Notes

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