

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 glass non-woven.

Uses Waterproofing membrane for:

- 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,		EN 12311-2
longitudinal (md)*	≥ 10 N/mm ²	
transversal (cmd)*	≥ 9 N/mm ²	
Elongation,		EN 12311-2
longitudinal (md)*	≥ 200 %	
transversal (cmd)*	≥ 200 %	
Resistance to impact,		EN 12691
hard substrate	≥ 700 mm	
soft substrate	≥ 1250 mm	

Roofing



Roofing

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



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