

Sarnafil® G 410-20L

Polymeric sheet for roof waterproofing

Product Description

Sarnafil® G 410-20L (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:

- Detailing in roof systems with:
 - Sarnafil® S 327 L-types
 - Sarnafil® G 410 L Felt-types
 - Sarnafil® G 476 types

- Roof waterproofing membrane for roof junction zones:
Roof waterproofing for junctions and flashings, e.g. wall and parapet junctions, roof lights, etc. in installations of Sarnafil® roof waterproofing systems with:
 - mechanical fastening
 - adhered systems
 - ballasted or green 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 (-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
Hail resistance:		EN 13583
rigid substrate	≥ 28 m/s	
flexible substrate	≥ 36 m/s	
Joint peel resistance	≥ 300 N/50 mm	EN 12316-2
Joint shear resistance	≥ 500 N/50 mm	EN 12317-2

Roofing



Roofing

Water vapour transmission properties	$\mu = 15'000$	EN 1931
Tensile strength,		EN 12311-2
longitudinal (md)*	$\geq 9.5 \text{ N/mm}^2$	
transversal (cmd)*	$\geq 8.5 \text{ N/mm}^2$	
Elongation,		EN 12311-2
longitudinal (md)*	$\geq 200 \%$	
transversal (cmd)*	$\geq 200 \%$	
Resistance to impact,		EN 12691
hard substrate	$\geq 800 \text{ mm}$	
soft substrate	$\geq 1250 \text{ mm}$	
Dimension stability,		EN 1107-2
longitudinal (md)*	$\leq 0.2 \%$	
transversal (cmd)*	$\leq 0.1 \%$	
Foldability at low temperature	$\leq -25 \text{ }^\circ\text{C}$	EN 495-5
UV exposure	Pass (> 5000 h)	EN 1297

* md = machine direction
* cmd = cross machine direction

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