

Sarnafil® G 410-15L

Polymeric sheet for roof waterproofing

Construction

Description	Sarnafil® G 410-15L (thickness 1.5 mm) is a multi-layer, synthetic roof waterproofing sheet based on premium-quality polyvinyl chloride (PVC) with inlay of glass non-woven.	
Uses	Waterproof membrane for: <ul style="list-style-type: none"> • Detailing in roof systems with <ul style="list-style-type: none"> - Sarnafil® S 327-L-types - Sarnafil® G 410 L Felt-types - Sarnafil® G 476-types • Roof waterproofing membrane for roof junction zones: <ul style="list-style-type: none"> Roof waterproofing for junctions and flashings e.g. wall and parapet junctions, roof lights, etc. in installations of Sarnafil® roof waterproofing systems with : <ul style="list-style-type: none"> - Mechanical fastening - Adhered systems - Ballasted or green roofs 	
Product Data		
Visible defects	Pass	EN 1850-2
Length	20 (-0 / +5%) m	EN 1848-2
Width	2 (-0.5 / +1%) m	EN 1848-2
Straightness	≤ 30mm	EN 1848-2
Flatness	≤ 10 mm	EN 1849-2
Effective thickness	1.5 (-5 / +10%) mm	EN 1849-2
Mass per unit area	1.84 (-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	≥ 20 m/s	
Flexible substrate	≥ 28 m/s	
Joint peel resistance	≥ 300 N/50 mm	EN 12316-2
Joint shear resistance	≥ 500 N/50 mm	EN 12317-2



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	$\geq 600 \text{ mm}$	
Soft substrate	$\geq 1000 \text{ mm}$	
Dimension stability		EN 1107-2
Longitudinal (md)*	$\leq 10.21\%$	
Transversal (cmd)*	$\leq 10.11\%$	
Foldability at low temperature	$\leq -25^\circ\text{C}$	EN 495-5
UV exposure	Pass (> 5000 h)	EN 1297

*md = machine direction

*cmd = cross machine direction

Important Notification

The information, and, in particular, the recommendations relating to the application and end-use of Sika's products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject of our terms and conditions of sale. Users should always refer to the most recent issue of the Australian version of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.

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