Product Data Sheet

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Sarnafil® G 410-12L

Polymeric sheet for roof waterproofing

pet junctions, roof lights, etc. in installations of Sarnafil® roo waterproofing systems with: Mechanical fastening Adhered systems Ballasted or green roofs Product Data Visible defects Pass EN 1850-2 Length 25 (-0 / +5 %) m EN 1848-2 Width 2 (-0.5 / +1 %) m EN 1848-2 Straightness ≤ 30 mm EN 1848-2 Straightness ≤ 10 mm EN 1848-2 Effective thickness 1.2 (-5 / + 10 %) mm EN 1849-2 Mass per unit area 1.5 (-5 / + 10 %) kg/m² 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 ≥ 17 m/s flexible substrate ≥ 25 m/s Joint peel resistance ≥ 300 N/50 mm EN 12316-2	Description	Sarnafil [®] G 410-12L (thickness 1.2 mm) is a polyester reinforced, multi-layer, synthetic roof waterproofing sheet based on premium-quality polyvinyl chloride (PVC) with inlay of glass non-woven.		
- 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 para pet junctions, roof lights, etc. in installations of Sarnafil® roo waterproofing systems with: - Mechanical fastening - Adhered systems - Ballasted or green roofs Product Data Visible defects Pass EN 1850-2 Length 25 (-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 1.2 (-5 / + 10 %) mm EN 1849-2 Effective thickness 1.2 (-5 / + 10 %) mm EN 1849-2 Water tightness Pass EN 1928 Effects of liquid chemicals, On request Including water Reaction to fire EN 1850-1925-2, classification after EN 13501-1 Hail resistance: Flatible substrate ≥ 25 m/s Joint peel resistance ≥ 300 N/50 mm EN 12316-2	Uses	Waterproofing membrane for:		
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flexible substrate \geq 25 m/s Joint peel resistance \geq 300 N/50 mm EN 12316-2	Hail resistance:		EN 13583	
Joint peel resistance ≥ 300 N/50 mm EN 12316-2	rigid substrate	≥ 17 m/s		
	flexible substrate	≥ 25 m/s		
Joint shear resistance ≥ 500 N/50 mm EN 12317-2	Joint peel resistance	≥ 300 N/50 mm	EN 12316-2	
	Joint shear resistance	≥ 500 N/50 mm	EN 12317-2	



Water vapour		EN 1931
transmission properties	$\mu = 15'000$	
Tensile strength,		EN 12311-2
longitudinal (md)*	≥ 9 N/mm²	
transversal (cmd)*	\geq 8.5 N/ mm 2	
Elongation,		EN 12311-2
longitudinal (md)*	≥ 180 %	
transversal (cmd)*	≥ 180 %	
Resistance to impact,		EN 12691
hard substrate	≥ 450 mm	
soft substrate	≥ 800 mm	
Dimension stability,		EN 1107-2
longitudinal (md)*	≤ 0.2 %	
transversal (cmd)*	≤ 0.1 %	
Foldability at low temperature	≤ -20°C	EN 495-5
UV exposure	Pass (> 5000 h)	EN 1297
	*md = machine direction	
	*cmd = cross machine direction	
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Sika Limited (Vietnam) Nhon Trach 1 Industrial Zone,

Nhon Trach Tindustrial Zone,
Nhon Trach Dist., Dong Nai Province
Tel: (84-61) 3560 700 Fax: (84-61) 3560 699
www.sika.com.vn, sikavietnam@vn.sika.com

