

Sarnafil® G 410-15L

Polymeric sheet for roof waterproofing

Product 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 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

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|----------------------------------------------|--------------------------------------|--------------------------------------------------|
| Visible defects | Pass | EN 1850-2 |
| Length | 20 (-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 | 1.5 (-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 |

Roofing



Roofing

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|---------------------------------------------|-------------------------|------------|
| Joint shear resistance | ≥ 500 N/50 mm | EN 12317-2 |
| Water vapour transmission properties | μ= 15'000 | EN 1931 |
| Tensile strength, | | EN 12311-2 |
| longitudinal (md)* | ≥ 9.5 N/mm ² | |
| transversal (cmd)* | ≥ 8.5 N/mm ² | |
| Elongation, | | EN 12311-2 |
| longitudinal (md)* | ≥ 200 % | |
| transversal (cmd)* | ≥ 200 % | |
| Resistance to impact, | | EN 12691 |
| hard substrate | ≥ 600 mm | |
| soft substrate | ≥ 1000 mm | |
| Dimension stability, | | EN 1107-2 |
| longitudinal (md)* | ≤ 0.2 % | |
| transversal (cmd)* | ≤ 0.1 % | |
| Foldability at low temperature | ≤ -25 °C | EN 495-5 |
| UV exposure | Pass (> 5000 h) | EN 1297 |

* md = machine direction
*cmd = cross machine direction

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