

Product Data Sheet

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Sika-Trocal® S 2.0



EN 13956

07

1213-CPD-4125

Sika-Trocal® S 2.0

Polymeric sheet for roof waterproofing

Product Description

Sika-Trocal® S 2.0 (thickness 2.0 mm) is a homogenous, synthetic roof waterproofing sheet based on premium-quality polyvinyl chloride (PVC).

Uses

Waterproofing membrane for:

- Mechanically fastened roofs

Product Data

Visible defects	Pass	EN 1850-2
Length	15 (-0 / +5 %) m	EN 1848-2
Width	0.6 / 1.1 / 1.8 (-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	2.5 (-5 / +10 %) kg/m ²	EN 1849-2
Water tightness	Pass	EN 1928
Effects of liquid chemicals, including water	On request	EN 1847
External fire performance:		EN 1187
Part 1-4	B _{ROOF} (t1) < 20°, > 20°	prEN 13501-5
Reaction to fire	E	EN ISO 11925-2, classification after EN 13501-1
Hail resistance:		EN 13583
rigid substrate	≥ 20 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
Water vapour transmission properties	μ = 20'000	EN 1931

Roofing



Tensile stress,		EN 12311-2
longitudinal (MD)	≥ 12 N/mm ²	
transversal (CMD)	≥ 12 N/mm ²	
Elongation,		EN 12311-2
longitudinal (MD)	≥ 250 %	
transversal (CMD)	≥ 250 %	
Resistance to impact,		EN 12691
hard substrate	≥ 600 mm	
soft substrate	≥ 900 mm	
Tear strength		EN 12310-2
longitudinal (MD)	100 N	
transversal (CMD)	100 N	
Dimension stability,		EN 1107-2
longitudinal (MD)	≤ 2.0 %	
transversal (CMD)	≤ 2.0 %	
Foldability at low temperature	≤ -25 °C	EN 495-5
UV exposure	Pass	EN 1297

Legal Notes

The information, and, in particular, the recommendations relating to the application and end-use of Sika® 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 to our current terms of sale and delivery. Users must always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request.



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