

**Declaration of Performance  
Sisalex 518: 1,5 x 50 m**

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Item	Performance description
1	<b>Unique identification code of the product type:</b> Sisalex 518
2	<b>Type number for identification of the construction product according to Article 11 Par. 4:</b> Sisalex 518
3	<b>Use of the construction product intended by the manufacturer according to the applicable, harmonised technical specification:</b> Vapour check or vapour barrier according to DIN EN 13984 – Sealing membranes – Plastic and elastomer membranes – Definitions and characteristics; German version EN 13984:2013
4	<b>Product name and contact address according to Article 11 Par. 5:</b> Sisalex 518  Ampack AG Seebleichstrasse 50 CH-9401 Rorschach
5	<b>Name and address of authorised representative according to Article 12 Par. 2:</b> Ampack AG Seebleichstrasse 50 CH 9401 Rorschach
6	<b>System for the assessment and verification of constancy of performance in accordance with Appendix V, Point 1.4. of the BauPV (Construction Products' Regulations):</b> System 3
7	<b>Performance declaration for a construction product for which a harmonised European standard exists:</b> BRE Certification (0832) has carried out the testing for the fire behaviour. EMPA (2260) has carried out the testing for the sD-value.
8	<b>Performance Declaration for a construction product for which a European Technical Assessment has been drawn up:</b> -

<b>Sisalex 518</b>					
Harmonised European Standard:	EN 13984:2013				
<b>Major characteristics</b>			<b>Performance</b>		
<b>Property</b>	<b>Method</b>	<b>Units</b>	<b>Nominal value</b>	<b>Minimum value</b>	<b>Maximum value</b>
Product description	EN 13984:2013	-	Typ B	-	-
Thickness	DIN EN 1849-2	mm	-		
Mass per unit area	DIN EN 1849-2	g/m <sup>2</sup>	280	-15 %	+15 %
Width	DIN EN 1848-2	m	1,5	-0,5 %	+1,5 %
Length	DIN EN 1848-2	m	50	-0 %	
Straightness	DIN EN 1848-2	mm / 10 m	< 75		
Fire behaviour	DIN EN 13 501-1 EN ISO 11925-2	-	E	-	-
Waterproofing	DIN EN 1928, Procedure A	-	Passed at 2 kPa		
Water vapour permeability	EN 1931	m	>1'800	-0,5	+0,5
Resistance against impact load	EN 12 691	mm	Not required		
Shear resistance of the joints	EN 12 317-2	N	195		
Maximum longitudinal tensile strength	DIN EN 12 311-2, without support liner EN 13 859-1, Appendix A, with support liner	N/5 cm	680		
Maximum transverse tensile strength	DIN EN 12 311-2, without support liner EN 13 859-1, Appendix A, with support liner	N/5 cm	400		
Longitudinal elongation	DIN EN 12 311-2, without support liner EN 13 859-1, Appendix A, with support liner	%	5		
Transverse elongation	DIN EN 12 311-2, without support liner EN 13 859-1, Appendix A, with support liner	%	8		
Longitudinal resistance to tearing (nail)	DIN EN 12 310-1 without support liner EN 13 859-1, Appendix B, with support liner	N	65		
Transverse resistance to tearing (nail)	DIN EN 12 310-1 without support liner EN 13 859-1:2010, Appendix B, with support liner	N	65		
Durability					
Water vapour resistance after ageing	EN 1296, 70°C EN 1931	-	passed		
Resistance to alkalis	EN 1847	-	Not required		
Resistance against deformation under load	DIN 13 984, Appendix B	mm/time unit or %/time unit	Not required		
Air tightness	Manufacturer's data	-	Airtight		
Surface tension		dyn	-		
Hazardous substances	To be specified	-	None		
Visible defects	EN 1850-2	-	None		

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**The performance of the product according to Number 1 and Number 2 corresponds to the declared performance according to Number 9.**

The manufacturer alone is responsible for the creation of the Performance Declaration according to Number 4.

Signed for and in the name of the manufacturer by:

Rorschach, 21.06.2013

A handwritten signature in blue ink, appearing to read 'U. Höing', is written in a cursive style.

Ulrich Höing  
Head of Technology and Development, Ampack AG, Rorschach