

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

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Item	Performance description
1	Unique identification code of the product type: Sisalex 518
2	Type number for identification of the construction product according to Article 11 Par. 4: Sisalex 518
3	Use of the construction product intended by the manufacturer according to the applicable, harmonised technical specification: 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	Product name and contact address according to Article 11 Par. 5: Sisalex 518 Ampack AG Seebleichestrasse 50 CH-9401 Rorschach
5	Name and address of authorised representative according to Article 12 Par. 2: Ampack AG Seebleichestrasse 50 CH 9401 Rorschach
6	System for the assessment and verification of constancy of performance in accordance with Appendix V, Point 1.4. of the BauPV (Construction Products' Regulations): System 3
7	Performance declaration for a construction product for which a harmonised European standard exists: MPA Erwitte (0432) has carried out the testing for the fire behaviour. KIWA TBU Greven (0799) has carried out the testing for the sD-value.
8	Performance Declaration for a construction product for which a European Technical Assessment has been drawn up: -

Sisalex 518					
Harmonised European Standard:	EN 13984:2013				
Major characteristics			Performance		
Property	Method	Units	Nominal value	Minimum value	Maximum value
Product description	EN 13984:2013	-	Typ A	-	-
Thickness	DIN EN 1849-2	mm	-		
Mass per unit area	DIN EN 1849-2	g/m ²	175	-10 %	+10 %
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	>1'500		
Resistance against impact load	EN 12 691	mm	Not required		
Maximum longitudinal tensile strength	DIN EN 12 311-2, without support liner EN 13 859-1, Appendix A, with support liner	N/5 cm	180		
Maximum transverse tensile strength	DIN EN 12 311-2, without support liner EN 13 859-1, Appendix A, with support liner	N/5 cm	160		
Longitudinal elongation	DIN EN 12 311-2, without support liner EN 13 859-1, Appendix A, with support liner	%	20		
Transverse elongation	DIN EN 12 311-2, without support liner EN 13 859-1, Appendix A, with support liner	%	15		
Longitudinal resistance to tearing (nail)	DIN EN 12 310-1 without support liner EN 13 859-1, Appendix B, with support liner	N	180		
Transverse resistance to tearing (nail)	DIN EN 12 310-1 without support liner EN 13 859-1:2010, Appendix B, with support liner	N	180		
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		

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, 28.02.2017

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