Leadax®
Flashing | Original

LEADAX ORIGINAL DATASHEET

Dimensions			
Characteristic	**Method**	**Units**	**Value**
Length	EN 1848-2	m	6 ± 1%
Width	EN 1848-2	mm	150 - 1000
Thickness	EN 1848-2	mm	3,0 ± 0,2
Mass	EN 1848-2	kg/m²	3,85 ± 10%
Dimensional stability	EN 1107-2	%	0,0

Functional properties			
Characteristic	**Method**	**Units**	**Value**
Water tightness	EN 1928-B	kPa	≥ 500
Water absorption	M.O.A.T 66	%	1,06
Water tightness of joint (hot air) 10 kPa	M.O.A.T27		pass
Water tightness (after 2400 hrs UVB test)	EN 1928-B	kPa	≥ 500
Water Vapour Transmission	EN 1931	g	$5{,}26.10^{-8}$ $kg.m^{-2}.s^{-1}$
Water Vapour Transmission after thermal aging	EN 1296 + EN 1931 g	g	$5{,}20.10^{-8}$ $kg.m^{-2}.s^{-1}$

Mechanical and tensile properties			
Characteristic	**Method**	**Units**	**Value**
Maximum tensile force length direction	EN 12311-2	N/50 mm	≥ 500
Maximum tensile force width direction	EN 12311-2	N/50 mm	≥ 1000
Elongation at break length direction	EN 12311-2	%	80 ± 20
Elongation at break width direction	EN 12311-2	%	15 ± 5
Tear resistance length direction	EN 12310-1	N	≥ 400
Tear resistance width direction	EN 12310-1	N	≥ 400
Static loading (method B)	EN 12730	kg	≥ 20
Impact resistance (method B)	EN 12691	mm	≥ 2000
Hail resistance (hard support)	EN 13583	$m\ s^{-1}$	44
Resistance to peel (concrete)	M.O.A.T 66	N/50 mm	162
Resistance to peel (concrete) after thermal ageing at 80 °C, 12 weeks	M.O.A.T 66	N/50 mm	143
Low temperature foldability	EN 495-5	°C	≤ -70
Low temperature foldability after thermal ageing at 80 °C, 12 weeks	EN 495-5	°C	≤ -70

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Joint strength (Leadax High-Tack Sealant)			
Characteristic	**Method**	**Units**	**Value**
Peel resistance			
Length direction	EN 12316-2	N/50mm	≥ 200
Width direction	EN 12316-2	N/50mm	≥ 200
Shear resistance			
Length direction	EN 12317-2	N/50mm	≥ 450
Width direction	EN 12317-2	N/50mm	≥ 950

Fire behaviour			
Characteristic	**Method**	**Units**	**Value**
Reaction to fire	EN 13501-1		E
Spread to flame	BS 476-3		C

Compatiblity			
Characteristic	**Method**	**Units**	**Value**
Compatibility with bitumen	BRL 1511-1		Pass
Compatibility with PVC	BRL 1511-1		Pass

Chemical resistance			
Characteristic	**Method**	**Units**	**Value**
Chemical resistance to lime milk (Ca(OH)2)	EN 1847		Pass