

Technical data sheet

SIGA- Majrex®



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Distributor: SIGA Cover, Inc.

Type of application: Hygrobrid® + moisture variable vapour control layer for permanently airtight building envelopes for roof, wall and ceiling structures

Instructions: see manual

Packaging unit: 30 rolls bound in layers

Construction: modified PE / PA with PET fibres reinforced

Characteristics:

		Standards	Units	Values
Dimensions	length	EN 1848-2	ft	164
	width	EN 1848-2	ft	4.9
	straightness	EN 1848-2	-	passed
Area-related mass Effective thickness		EN 1849-2	oz/ft2	0.49
		EN 1849-2	mils	12
Tear resistance (nail shank)*	lengthwise crosswise	EN 12310-1	N	>110 (140) >120 (135)
Tensile properties: Maximum tensile strength*	lengthwise crosswise	EN 12311-1	N/50mm	> 270 (310) > 210 (260)
Tensile properties: Elongation at maximum tensile strength*	lengthwise crosswise	EN 12311-1	%	> 20 (35) > 20 (35)
Direction 1 Diffusion-equivalent air layer thickness Water vapour permeability		EN 1931	US perm	0.68
Direction 2 Diffusion-equivalent air layer thickness Water vapour permeability		EN 1931	US perm	0.23
Dynamic diffusion-equivalent air layer thickness		ISO 12572	US perm	<0.097 - ≥4.25
Air permeance		ASTM E 2178	cfm/ft2 @1.57 psf L/m ² s @ 75 Pa	0.00002 0.0001
Durability of water vapour permeability resistance against artificial ageing		EN 1296 Gem. EN 1931		passed
Resistance to water penetration		EN 1928	-	W1
Flame spread index (rating)		ASTM E-84	Index	0 (class A)
Smoke developed index (rating)		ASTM E-84	Index	55 (class A)
Temperature resistance			°F °C	-40°F to +176°F -40°C to +80°C

*average