

Technical data sheet

SIGA- Majvest® 500 SA



Updated on: January 31st 2018

Distributor: SIGA Cover, Inc.

Type of application: Self adhering barrier for wall assemblies: installed outside the sheathing prior to the application of the final cladding system.

Instructions: see manual

Packaging unit: 60" : 20 rolls bound in layers
18" : 60 rolls bound in layers

Construction: Self-adhered, vapor permeable, water resistive air barrier consisting of 3-layers. Its two outer layers are made of a high strength spun-bonded polypropylene (PP) nonwoven. They are thermally bonded to a highly vapor permeable, watertight polymeric middle layer. Self-Adhesive backed by a polypropylene release film.

Characteristics:

		Standards	Units	Values
Dimensions:	length / width / straightness	60 Inch	feet / feet / - m / m / -	100 / 5 / pass 30.48 / 1.524 / pass
		18 Inch	feet / feet / - m / m / -	100 / 1.5 / pass 30.48 / 0.457 / pass
Effective thickness:			mils mm	28 0.7
Puncture resistance:		ASTM-E154	lbf	92*
Tensile properties:	MD CD	ASTM-D882	lbf/in	39* 38*
Water vapor transmission:	Method A Method B	ASTM-E96	US perm	13 15
Resistance to water penetration:		AATCC-127	5h @ 55cm inch	Pass
Air permeance:		ASTM-E2178	cfm/ft ² @1.57 psf L/m ² s @ 75 Pa	0.00006 0.0003
Air leakage of wall assembly:	Penetrated Wall	ASTM-E2357 including ASTM-E283	cfm/ft ² @1.57 psf L/m ² s @ 75 Pa	0.0005 0.0025
Water resistance:		ASTM-E331	15 min @12.11 psf on Penetrated Wall	Pass (no leak)
Lap Adhesion:		ASTM- D1876		Pass
Self Sealability:		ASTM- D1970		Pass

Flame spread Index:		ASTM-E84	Index (rating)	20
Smoke developed Index:		ASTM-E84	Index (rating)	20
Application Temperature:			°F °C	+14 °F and rising -10 °C and rising
Temperature resistance:			°F °C	-40 °F to +176 °F -40 °C to +80 °C
Cone Calorimeter:	Effective Heat of Combustion	ASTM-E1354	MJ/kg	12.81*
	Total Heat Release		MJ/m2	10.44
Fire Testing:				Complies with NFPA 285 in various assemblies

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