

Technical data sheet

SIGA-Majvest® 500 SA

- Updated on:** 12 Sept 2018
- Distributor:** SIGA Cover, Inc.
- Type of application:** Self adhered 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
- Composition:** 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. Adhesive side is backed with a polypropylene release film.

Characteristics:

Property		Standards	Units	Values
Dimensions:	length / width / straightness	60"	m / m / - feet / feet / -	100 / 5 / Pass 30.48 / 1.524 / Pass
		18"	m / m / - feet / feet / -	100 / 1.5 / Pass 30.48 / 0.457 / Pass
Total weight:			oz/ft ² g/m ²	0.77 252
Thickness:			mils mm	28 0.7
Temperature resistance:			°F °C	-40 °F to +176 °F -40 °C to +80 °C
Puncture resistance		ASTM E154	lbs	92*
Tensile properties:	MD CD	ASTM D882	lbs/in	39* 38*
Water vapor transmission:	Method A (dry cup method)	ASTM E96	US perm	13
	Method B (wet cup method)	ASTM E96	US perm	15
Water resistance under hydrostatic pressure:		AATCC 127	5h @ 55cm head	Pass
Air permeance:		ASTM E2178	cfm/ft ² @ 1.57 psf L/m ² .s @ 75 Pa	0.00006 0.0003
Air leakage in 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
Nail Sealability:		ASTM D1970		Pass
Flame Spread Index:		ASTM E84	Index (rating)	20 (Class A)
Smoke Developed Index:		ASTM E84	Index (rating)	20 (Class A)
NFPA Compliant Assemblies Using Majvest:			View compliant assemblies with various manufacturers here or Contact SIGA Technical Dept.	

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