

Technical data sheet

SIGA-Majvest® 500 SA



Updated on: October 11th ,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.	