

# Technical data sheet

## **Majvest® 500 SA**



Updated on: June 18, 2020

Distributor: SIGA Canada, 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"	feet / feet / - m / m / -	100 / 5 / Pass 30.48 / 1.524 / Pass
		18"	feet / feet / - m / m / -	100 / 1.5 / Pass 30.48 / 0.457 / Pass
Total weight			oz/ft <sup>2</sup> g/m <sup>2</sup>	0.84 256
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	N/mm (lbs/in)	6.83 (39) 6.65 (38)
Water vapor transmission	Method A (dry cup method)	ASTM E96	US Perms (Ng/Pa.m <sup>2</sup> . s)	16 (918)
	Method B (wet cup method)	ASTM E96	US Perms (Ng/Pa.m <sup>2</sup> . s)	24 (1355)
Water resistance under hydrostatic pressure		AATCC 127	5h @ 55cm head	Pass
Water resistance (ponding)	Control Weathered	ASTM E2556	@penetration after 2 hours	Pass No water penetration
Air permeance		CAN/ULC-S741-08/ ASTM E2178	<0.02 L/(s•m <sup>2</sup> )@75Pa	Pass

<b>Air leakage in assembly</b>	Penetrated Wall	ASTM E2357 including ASTM E283	L/m <sup>2</sup> .s @ 75 Pa	0.0025
<b>Air leakage rate classification</b>		CAN/ULC-S742-11		Classification A1
<b>Water resistance</b>		ASTM E331	15 min @ 12.11 psf on Penetrated Wall	Pass (no leak)
<b>Lap Adhesion</b>		ASTM D1876		Pass
<b>Nail Sealability</b>		ASTM D1970		Pass
<b>Flame Spread Index</b>		ASTM E84	Index (rating)	20 (Class A)
<b>Smoke Developed Index</b>		ASTM E84	Index (rating)	20 (Class A)
<b>NFPA Compliant Assemblies Using Majvest</b>			View compliant assemblies with various manufacturers <a href="#">here</a> or Contact SIGA Technical Dept.	

\*Result is the highest reported air leakage rate for all tests. The reported result occurred for the penetrated wall assembly after wind-loading and during cold chamber testing.