

# Technical data sheet

## SIGA-Majvest®



**Updated on:** August 29, 2017

**Distributor:** SIGA Cover, Inc.

**Type of application:** For wall assemblies: installed outside the sheathing prior to the application of the final cladding system.  
For roof assemblies: installed as a roof underlayment.

**Instructions:** see manual

**Pallet:** 20 rolls bound in layers

**Composition:** 3-layer water-resistive and air barrier. 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. Its high permeability and airtightness makes it an ideal air and water resistive barrier for energy efficient construction.

### Characteristics:

Property		Standards	Units	Values
<b>Dimensions:</b>	length / width / straightness	Majvest 1,50 m	m / m / - feet / feet / -	50 / 1.5 / passed 164 / 4.9 / passed
		Majvest 3,00 m	m / m / - feet / feet / -	50 / 3.0 / passed 164 / 9.8 / passed
<b>Total weight:</b>			g/m <sup>2</sup> oz/ft <sup>2</sup>	136 0.45
<b>Thickness:</b>			mm mils	0.5 20
<b>Tear strength:</b>	MD CD	ASTM D-1117	lbs	40 49
<b>Breaking strength:</b>	MD CD	ASTM-D882	lbs/in	32 23
<b>Water vapor transmission:</b>		ASTM E-96 Method B	US perm	68
<b>Resistance to water penetration:</b>		AATCC-127	inch	111
<b>Air leakage of wall assembly for a penetrated wall:</b>		ASTM E 2357 including ASTM E 283	cfm/ft <sup>2</sup> @1.57 psf L/m <sup>2</sup> s @ 75 Pa	0.0002 0.0008
<b>Air permeance:</b>		ASTM E 2178	cfm/ft <sup>2</sup> @1.57 psf L/m <sup>2</sup> s @ 75 Pa	0.00114 0.0058
<b>Flame Spread Index:</b>		ASTM E-84	Class	5 class A
<b>Smoke developed:</b>		ASTM E-84	Class	50 class A
<b>Temperature resistance:</b>			°F °C	-40 °F to +176 °F -40 °C to +80 °C

<b>Cone Calorimeter:</b>	Effective Heat of Combustion	ASTM E 1354	MJ/kg	8.1
	Peak Heat release rate		kW/m <sup>2</sup>	160.9
	Total Heat release		MJ/m <sup>2</sup>	8.2