Technical data sheet

SIGA - *Majvest*®

Updated on: June 19, 2020

Distributor: SIGA Canada, Inc.

Type of application: For wall assemblies: installed outside the sheathing prior to the application of the final cladding system.

Instructions: see manual

Packaging unit: 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.

Characteristics:

Property		Standards	Units	Values
Dimensions	length / width / straightness	Majvest 1,50 m	m / m / - feet / feet / -	50 / 1.5 / Pass 164 / 4.9 / Pass
		Majvest 3,00 m		50 / 3.0 / Pass 164 / 9.8 / Pass
Total weight			g/m2 oz/ft2	136 0.45
Thickness			mm mils	0.5 20
Temperature resistance			°F °C	-40 °F to +176 °F -40 °C to +80 °C
Tensile strength	MD CD	ASTM D882	N/mm (lbs/in)	7 (40) 8.6 (49)
Breaking strength	MD CD	ASTM D882	N/mm (lbs/in)	6.0 (34) 4.2 (24)
Water vapor transmission	Method A (dry cup method)	ASTM E96	US Perms (Ng/Pa.m².s)	54 (3095)
Pliability		ASTM E2556		Pass No cracking
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•m²)@75Pa	Pass
Air leakage in Assembly	Penetrated Wall	ASTM E2357-11	L/(s•m²)@75Pa	0.031*
Air leakage rate classification		CAN/ULC-S742-11		Classification A1

Flame spread index		ASTM E84	Index (rating)	5 (class A)
Smoke developed		ASTM E84	Index (rating)	50 (class A)
NFPA Compliant Assemblies using Majvest			View compliant assemblies with various manufacturers here 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.