

Technical data sheet

SIGA-Wigluv®



Updated on: January 16, 2019

Distributor: SIGA Cover, Inc

Instructions: See manual

Packaging unit:

Wigluv 60	10 rolls / box
Wigluv 100	6 rolls / box
Wigluv 150	4 rolls / box
Wigluv 230	2 rolls / box
Wigluv 20/40	10 rolls / box

Composition: Vapor semi-permeable special PO film, elastic, waterproof, UV-stable, with SIGA acrylic pressure sensitive adhesive

Characteristics:

Property		Standards	Units	Values
Dimensions	length / width	Wigluv 60	feet / inch m / m	131 / 2.4 40 / 0.06
		Wigluv 100		82 / 3.9 25 / 0.10
		Wigluv 150		82 / 5.9 25 / 0.15
		Wigluv 230		82 / 9.06 25 / 0.23
		Wigluv 20/40		82 / 2.4 25 / 0.06
Thickness			mil / mm	14 / 0.35
Temperature resistance			°F °C	-40 °F to +212 °F -40 °C to +100 °C
Processing temperature			°F °C	from +14 °F from -10 °C
Atmospheric exposure			months	max. 12
Air Permeance		ASTM E2178	< 0.004 cfm/ft ² @1.57 psf (< 0.02 L/s·m ² @ 75 Pa)	Pass
Water vapor transmission	Method A (dry cup method)	ASTM E96	US Perms (Ng/Pa·m ² ·s)	1.7 (97)
Water Resistance		AATCC 127	inch	197

Specification for self-adhered flashing used for window flashing		AAMA 711-13		class A (no primer)
				level 3 Thermal Exposure (80 °C/176 °F for 7 days)
Tensile strength		ASTM D5034 per AAMA 711-13		Pass
Water penetration resistance around nails	initial	modified ASTM D1970 per AAMA 711-13		Dry / Pass
	after thermal cycling			Dry / Pass
90° Peel adhesion	OSB	ASTM D3330 per AAMA 711-13		Pass
	anodized aluminum			
	extruded PVC			
	plywood			
	accelerated aging with UV-A	conditioning per AAMA 711-13		Pass
	elevated temperature exposure	conditioning per AAMA 711-13		Pass
	thermal cycling	conditioning per AAMA 711-13		Pass
	adhesion after water immersion	conditioning per AAMA 711-13		Pass
Cold temperature pliability	cracking	conditioning per AAMA 711-13		None / Pass
	adhesion loss			
Resistance to peeling from itself		conditioning per AAMA 711-13		Pass
Chemical compatibility with tested sealants*		AAMA 713-08		Pass / Level 3 thermal exposure (80 °C/176 °F for 14 days)
Ageing resistance	high permanent adhesive strength, non-drying and non-embrittling since without caoutchouc, resin or solvent, can reliably and durably absorb structural movements			
Suitability for storage	unlimited store in a cool, dry place in its original box			

*see current list of tested sealants [here](#) or Contact SIGA Technical Dept.