

Technical data sheet

SIGA-Fentrim® IS 20



Updated on: January 16, 2019

Distributor: SIGA Cover, Inc

Instructions: See manual

Packaging unit:

Fentrim IS 20 75mm	8 rolls / box
Fentrim IS 20 100mm	6 rolls / box
Fentrim IS 20 150mm	4 rolls / box
Fentrim IS 20 200mm	2 rolls / box
Fentrim IS 20 250mm	2 rolls / box
Fentrim IS 20 300mm	2 rolls / box

Composition: special film/fleece combination made of PO with SIGA high-performance adhesive

Characteristics:

Property		Standards	Units	Values
Dimensions	length / width	Fentrim IS 20 75mm	feet / inch m / m	82 / 3 25 / 0.075
		Fentrim IS 20 100mm		82 / 3.9 25 / 0.1
		Fentrim IS 20 150mm		82 / 5.9 25 / 0.15
		Fentrim IS 20 200mm		82 / 7.9 25 / 0.2
		Fentrim IS 20 250mm		82 / 9.8 25 / 0.25
		Fentrim IS 20 300mm		82 / 11.8 25 / 0.3
Thickness*			mil / mm	26 / 0.7
Temperature resistance			°F °C	-40 °F to +212 °F -40 °C to +100 °C
Processing temperature			°F °C	from +14 °F from -10 °C
Water vapor transmission	Method A (dry cup method)	ASTM E96	US Perms	0.17
Specification for self-adhered flashing used for exterior wall fenestration installation		AAMA 711-13		Type 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			

*average

Property		Standards	Units	Values
90° Peel adhesion	OSB	ASTM D3330 per AAMA 711-13		Pass
	anodized aluminum			Pass
	extruded PVC			Pass
	plywood			Pass
	accelerated aging with UV-A	conditioning per AAMA 711-13		Pass
	elevated temperature exposure			Pass
	thermal cycling			Pass
	adhesion after water immersion			Pass
Cold temperature pliability	cracking	conditioning per AAMA 711-13		None / Pass
	adhesion loss			None / Pass
Resistance to peeling from itself		conditioning per AAMA 711-13		Pass
Chemical compatibility with tested sealants	(see current list of tested sealants at www.sigacover.com)	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			