

# Technical data sheet

## SIGA-Fentrim® 430 grey

**Updated on:** March 03, 2020

**Distributor:** SIGA Cover, Inc

**Instructions:** See manual

**Packaging unit:**

Fentrim 430 grey 4"	6 rolls / box
Fentrim 430 grey 6"	4 rolls / box
Fentrim 430 grey 9"	2 rolls / box

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

### Characteristics:

Property		Standards	Units	Values
Dimensions	length / width	Fentrim 430 grey 4"	feet / inch m / m	82 / 3.9 25 / 0.1
		Fentrim 430 grey 6"		82 / 5.9 25 / 0.15
		Fentrim 430 grey 9"		82 / 9.0 25 / 0.23
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
Atmospheric exposure		IECC zones 3-8	months	max. 4
		IECC zones 1-2	months	max. 3
Air Permeance		ASTM E2178	< 0.004 cfm/ft <sup>2</sup> @1.57 psf ( < 0.02 L/s·m <sup>2</sup> @ 75 Pa)	Pass
Water vapor transmission	Method A (dry cup method)	ASTM E96	US Perms	1.72

Property		Standards	Units	Values
<b>Specification for self-adhered flashing used for exterior wall fenestration installation</b>		AAMA 711-13		Type A (no primer)
				Level 3 thermal exposure (80 °C/176 °F for 7 days)
<b>Tensile strength</b>		ASTM D5034 per AAMA 711-13		Pass
<b>Water penetration resistance around nails</b>	initial	modified ASTM D1970 per AAMA 711-13		Dry / Pass
	after thermal cycling			
<b>90° Peel adhesion</b>	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
<b>Cold temperature pliability</b>	cracking	conditioning per AAMA 711-13		None / Pass
	adhesion loss			None / Pass
<b>Resistance to peeling from itself</b>		conditioning per AAMA 711-13		Pass
<b>Chemical compatibility with tested sealants</b>		AAMA 713-08		Pass / Level 3 thermal exposure (80 °C/176 °F for 14 days)
<b>Ageing resistance</b>	high permanent adhesive strength, non-drying and non-embrittling since without caoutchouc, resin or solvent, can reliably and durably absorb structural movements			
<b>Suitability for storage</b>	unlimited store in a cool, dry place in its original box			

\*average