

Technical Datasheet

Meltell ® 310 white

Meltell ® 320 black

Meltell ® 330 grey



Updated on: March 22, 2021

Distributor: SIGA Cover Inc.

Type of application: Sealing of joint connections for windows, doors and facades, leakages, cracks and penetrations indoors and outdoors

Packaging unit: 20 cartridges / box
12 sausages / box

Composition: 1-component hybrid polymer sealant.
Solvent- and isocyanate-free, low odour, can be painted and varnished.

Compliances:

- ✓ ASTM C 920, Type S, Grade NS, Class 25, Use NT, Mortar (M), Anodized Aluminum (A), Vinyl (O), Wood (W)
- ✓ Federal Specification TT-S-00230C, Type II, Class A

Characteristics:

Property		Standards	Unit	Values
Packaging	Cartridge Tubular bag		fl.oz (mL)	10.48 (310) 20.28 (600)
Colour				black / grey / white
Density	at 23° C		[g/cm3]	1.5
Temperature resistance			°F °C	-40 °F to +194 °F -40 °C to +90 °C
Application temperature			°F °C	14 °F to +104 °F -10 °C to + 40 °C
Movement capability		ASTM C 719	%	±25
Rheological	Sag in vertical displacement	ASTM C 639		No sag
Hardness	Shore A, at standard conditions	ASTM C 661		16
Weight loss	After heat aging	ASTM C1246	%	1.1

Tack-Free Time		ASTM C 1246	min	110
Stain and color change		ASTM C 510		Pass (No visible stain or color change)
Bond durability		ASTM C 719		Pass
Adhesion-in-Peel	Mortar unprimed	ASTM C 794	lbf	19
	Anodized Aluminum unprimed		lbf	31
Effects of accelerated weathering	After accelerated weathering	ASTM C 794/ ASTM C1442		Pass
	After cold exposure and low temperature bend			Pass
Skin formation time	at 23°C/50% rLf		min	20-30
Curing/drying-through in 24h	at 23°C/50% rLf		mm	2-3
Prerequisite for a secure bond	Substrates must be dust and grease-free and non-repelling. Clean substrates and test adhesion before bonding.			
Shelf life	12 months when properly stored			