

# Technical Datasheet

SIGA-Meltell® 310 white

SIGA-Meltell® 320 black

SIGA-Meltell® 330 grey



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Distributor: SIGA

## Application and

**installation instruction:** Sealing of joint connections for windows, doors and façades, leakages, cracks and penetrations indoors and outdoors

**Construction:** 1-component hybrid polymer sealant  
Free of silicones and isocyanats, low odour, can be painted and varnished

**Packaging unit:** 20 cartridges / box  
12 tubular bags / box

## Characteristics:

		Standards	Unit	Values
Contents	Cartridge		[ml]	310
	Tubular bag			600
Colour				black / grey / white
Density	bei 23° C	ISO 1183-1	[g/cm <sup>3</sup> ]	1.5
Temperature resistance			°C	-40 °C to +90°C
Application temperature			°C	-10°C to + 40°C
Fire classification		EN 13501		Klasse E
Permissible movement capability			[%]	25
Water vapour – coefficient of resistance		ISO 7783	μ	~ 800
Water vapour diffusion equivalent air layer sd	Thicknes of sealant 10 mm	ISO 7783	[m]	~ 8
Skin formation time	bei 23°C/50% rLf		[min]	20-30
Curing/drying-through in 24h	bei 23°C/50% rLf		[mm]	2-3 mm
Tensile stress		ISO 37, S3A	[N/mm <sup>2</sup> ]	1.7
Elongation at break		ISO 37, S3A	[%]	700
Shore-A-hardness		ISO 868		25
Tensile stress value at 100%		ISO 8339, B		~ 0.4
		ISO 37, S3A	[N/mm <sup>2</sup> ]	~ 0.6

<b>Shrinkage of volume</b>		ISO 10563	[%]	5
<b>Shelf life at 23°C/50% RH</b>	12 months from date of manufacture (see date printed on carton / cartridge / tubular bag)			
<b>Prerequisite for a secure bond</b>	Substrates must be dust and grease-free and non-repelling. Clean substrates and test adhesion before bonding.			