



GD 116 NA

General Properties	Technology/Base	polysulfide
	Base - Part A	polysulfide
	Base - Part B	manganese dioxide
	Type of Product	insulating glass sealant
	Curing	two part curing oxidative curing
	Colour	black
	Product Benefits	high strength and elasticity



Technical Data

Part A

Physical Properties		
Density	1.85 g/cm ³	DIN EN ISO 2811-1
Colour	beige	
Packaging Units		
Content	190 l	drum

Part B

Physical Properties		
Density	1.57 g/cm ³	DIN EN ISO 2811-1
Colour	black	
Packaging Units		
Content	19 l	hobbock
Content	190 l	drum

General

Processing Guidelines and Parameters		
Shelf Life	9 months	
Storage Temperature	10 °C to 30 °C	
Mixing Ratio (Part A : Part B) by Weight	10 : 0.85	
Mixing Ratio (Part A : Part B) by Volume	10 : 1	
Processing Temperature	15 °C to 35 °C	
Mixing tolerance	± 20%	
Curing		
Potlife	≥ 20 min	Kö-test method 100296, 23 °C
Potlife (rule of thumb)	30 min	20 °C
Potlife (rule of thumb)	15 min	30 °C
Potlife (rule of thumb)	8 min	40 °C



Material Properties Volatile content Fogging	0.50% without visual fogging	EN 1279-4 annex H EN 1279-4 annex C
Cured Material Characteristics Shore Hardness (Type A) Adhesion float glass Gas permeation rate (Argon) Gas permeation rate (Argon) Water vapour transmission rate	≥ 40 0.36 MPa 0.003 g/(m ² ·h) 0.074 g/(m ² ·d) 4.1 g/(m ² ·d)	EN 1279-6 annex E, after 24 h, 23 °C EN 1279-4 annex A, crossover stress (σ_C) EN 1279-4 annex D EN 1279-4 annex D EN 1279-4 annex D

Product Properties

Applications	Special Applications	secondary sealant for insulating glass
Processing	Suitable Substrates	various galvanized steels various stainless steel alloys various aluminum alloys glass
	Consistency	pasty
	Surface Requirements	dry clean free of grease free of dust
	Application Method	via two part mixing and metering systems
Cleaning	Cleaner for Tools	Körasolv GL
Certifications	Certifications and Declarations of Conformity	ASTM E2190 CEKAL EN 1279 pt. 2 + 3 + 4 IGCC RAL-GZ 520 UNI certification



Additional Information

Storage

GD 116 NA should be used within the shelf life specified on the packaging. The storage stability only applies to material stored under appropriate conditions (original unopened containers, recommended storage temperature).

Safety

Please read our Safety Data Sheet (SDS) and the labels of each product before use. The valid safety regulations must be considered.

Preparation

Due to the huge variety of available substrates preliminary testing regarding adhesion and compatibility is strongly recommended.

Processing

Refer to the technical data table regarding processing parameters. Low temperatures can cause a temporary increase in viscosity resulting in reduced extrusion and slower curing rates.

Cleaning

Clean tools immediately after use. Once cured, the material can only be removed mechanically. Appropriate cleaners are listed in the product properties table. For further information please contact your local sales office.

Disposal

Please refer to the Safety Data Sheet (SDS) for appropriate disposal instructions.

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