



# GD 115

<b>General Properties</b>	Technology/Base	polyisobutylene
	Type of Product	insulating glass sealant
	Parts	one part system
	Colour	black
	Product Benefits	high UV resistance good aging resistance very low water vapour transmission rate and gas permeability



## Technical Data

### General

<b>Physical Properties</b>		
Density	1.05 g/cm <sup>3</sup>	DIN EN ISO 2811-1, 23 °C
Needle Penetration	56 1/10 mm	DIN EN 1426, 23 °C, 10 s, 0.050 kg
<b>Processing Guidelines and Parameters</b>		
Shelf Life	24 months	
Storage Temperature	10 °C to 30 °C	
Processing Temperature	110 °C to 130 °C	
<b>Material Properties</b>		
Volatile content	0.03%	EN 1279-4 annex H
Fogging	without visual fogging	EN 1279-4 annex C
<b>Cured Material Characteristics</b>		
Gas permeation rate (Argon)	< 0.001 g/(m <sup>2</sup> ·h)	EN 1279-4 annex D
Gas permeation rate (Argon)	0.015 g/(m <sup>2</sup> ·d)	EN 1279-4 annex D
Water vapour transmission rate	< 0.01 g/(m <sup>2</sup> ·d)	EN 1279-4 annex D
<b>Service Conditions</b>		
Service Temperature	-40 °C to 80 °C	refer to TI 141
<b>Packaging Units</b>		
Content	1.0 kg	slug
Content	2.2 kg	slug
Content	6.8 kg	slug
Content	190 kg	drum



**Product Properties**

<b>Applications</b>	Fields of Application	manufacturing of insulating glass
	Special Applications	one-part primary sealant
<b>Processing</b>	Suitable Substrates	various galvanized steels various stainless steel alloys various aluminum alloys various plastic substrates glass
	Consistency	solid compound, can only be applied at elevated temperatures
	Surface Requirements	dry clean free of grease free of dust
	Surface Cleaning	Körasolv GL
	Application Method	heated butyl extruder drum melting system
<b>Certifications</b>	Certifications and Declarations of Conformity	ASTM E2190 CEKAL EN 1279 pt. 2 + 3 + 4 IGCC RAL-GZ 520 UNI certification



## Additional Information

### Storage

GD 115 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.

### Cleaning

Clean tools immediately after use. Appropriate cleaners are listed in the product properties table.

### Disposal

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

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