GD 920

General Properties	Technology/Base	Silicone rubber
	Type of Product	Secondary sealant for insulating glass
	Curing	Two part curing Polycondensation curing
	Mechanical Properties	Excellent mechanical properties
	Product Benefits	Very good adhesion Very high UV resistance

Typical Technical Data

Part A

Physical Properties		
Density	1.37 g/cm^3	DIN EN ISO 2811-1
Colour	off-white	
Processing Guidelines and Parameters		
Shelf Life	12 months	
Packaging Units		
Content	260 kg	drum

Part B

Physical Properties		
Density	1.37 g/cm^3	DIN EN ISO 2811-1
Colour	black	
Processing Guidelines and Parameters		
Shelf Life	12 months	
Packaging Units		
Content	26 kg	hobbock

General

Processing Guidelines and Parameters		
Storage Temperature	10 °C to 35 °C	
Mixing Ratio (Part A : Part B) by Weight	10 : 1	
Mixing Ratio (Part A : Part B) by Volume	10 : 1	
Processing Temperature	15 °C to 35 °C	
Mixing tolerance	± 10%	
Curing		
Potlife	30 min	Kö-test method 100301, 23 °C

Material Properties		
Volatile content	$\leq$ 0.53%	EN 1279-4 annex H
Fogging	without visual fogging	EN 1279-4 annex C
Cured Material Characteristics		
Shore Hardness (Type A)	$\geq$ 38	EN 1279-6 annex E, after 24 h
Adhesion float glass	0.37 MPa	EN 1279-4 annex A
Design stress in tension	0.14 MPa	acc. to EOTA ETAG 002
Gas permeation rate (Argon)	0.90 g/(m^2·h)	EN 1279-4 annex D
Gas permeation rate (Argon)	21.60 g/(m^2·d)	
Water Vapor Transmission Rate (WVTR)	14.50 g/(m^2·d)	EN 1279-4 annex D
Service Conditions		
Service Temperature	-40 °C to 140 °C	

Product Properties

Processing	Suitable Substrates	Various galvanized steels Various stainless steel alloys Various aluminium alloys Various plastic substrates Glass
	Consistency	Pasty
	Surface Requirements	Dry Clean Free of grease Free of dust
	Surface Cleaning	Körasolv GL Suitable washing machines or other tested, residue-free agents
	Application Equipment	Two part mixing and metering system
Cleaning	Cleaner for Tools	Körasolv GL
	Cleaner for Mixer	Körasolv Silicone
Certifications	Certifications and Declarations of Conformity	Label SNJF-VI.VEC (for use with aluminium and stainless steel substrates) ASTM E2190 CE marking CEKAL EN 1279 pt. 2 + 3 + 4 ETAG 002 (ETA-08/0004) for supported insulating glass systems IGCC RAL-GZ 520 (Sealants)
Hints	Compatibility	Especially plasticiser and mineral oil containing materials are critical. It is essential that all materials (sealants, setting blocks, etc.) which might be in contact with this product have to be compatible.

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Glass Americas

Additional Information

Storage

GD 920 should be used within the shelf life specified on the packaging. The storage stability applies to material stored under appropriate conditions only (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.

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. On automatic application equipment, time of potlife alarm must be reduced. Please contact our tecnical service.

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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