


Insulating Glass Sealant GD 920



Secondary sealant for the manufacture of insulating glass

- For the manufacture of multi-pane insulating glass in conservatories, etc. where seals are exposed to direct sunlight
- High modulus
- Excellent UV resistance
- Label SNJF-VI.VEC  -VI.VEC
- Excellent adhesion to clean surfaces such as glass, aluminium and stainless steel
- Meets the requirements of EN 1279 Part 2 + 3 and ETAG 002 (ETA-08/0004) for supported insulating glass systems
- CE mark

TECHNICAL DATA

Base	Silicone rubber, two-component		
Colour	A-component: beige B-component: black		
Consistency	Paste		
Mix ratio A-comp. : B-comp. - by volume - by weight	10 : 1 10 : 1		
Density - A-component: - B-component:	1,37 1,37	g/cm ³ g/cm ³	DIN 53 479 ¹⁾ DIN 53 479 ¹⁾
Pot life	20	min	¹⁾
Tack free time	120	min	¹⁾
Hardness Shore A	38		EN 1279,6, annex E (after 24 h)
Adhesion floatglass	0,41	MPa	EN 1279.6, annex A
Design stress in tension δ_{des}	0,14	MPa	ETAG 002
Gas permeation (argon)	< 0,5	g/m ² ·h	EN 1279.4
Water vapour transmission rate	< 20	g/m ² ·d	EN 1279.4
Volatile content	< 1	%	EN 1279.6, annex G
Fogging	Without visual fogging		EN 1279.6, annex C
¹⁾ Standard climate 23750-2 DIN 50 014			

INSULATING GLASS SEALANT GD 920

PROCESSING

Preparation

The joint faces or surfaces to be bond must be dry, clean and free from dust and grease. For cleaning we recommend **Körasolv GL**, unless suitable washing machines or other tested, residue-free agents are available.

Preparing the mixture

By using an automatic mixer, ensure the mix ratio is correct.

Mix ratio by volume is 10 : 1 with a tolerance of $\pm 10\%$.

The mixed product must be applied within approx. 20 min (pot life at +23°C).

CLEANING

Körasolv GL

SPECIAL NOTES

Storage

Store in closed containers in cool, dry conditions.

Shelf life :

A-Component 12 months

B-Component 12 months

(Please note: B-component is sensitive to humidity!)

Structural Glazing

GD 920 is not approved for bonding glass to metal profiles, for this application **Ködiglaze S** has to be used.

Compatibility

The compatibility of **GD 920** to contact materials like spacer bars, backer rods, sealing profiles, setting blocks, etc. must be checked. Especially plasticiser containing materials are critical.

Curing

GD 920 should not be applied below +15°C and not above +35°C.

The curing speed and adhesion buildup of **GD 920** depends on the storage temperature of the units produced with this sealant. Higher temperatures will accelerate, lower temperatures will delay the curing reaction.

SAFETY

Please follow the information contained in our EC-safety-data-sheets and the safety-indications on the labels of each product for the correct and safe handling.

Especially the directions of the Dangerous Substance Regulation and the Accident Prevention Regulation of the Employers Liability Insurance have to be respected.

Keep the EC-safety-data-sheet of the product being used ready to hand. It gives you valuable indications for the safe usage, disposal and in case of accidents.

PACKAGING UNITS

A-component: 260 kg drum

B-component: 26 kg hobbock

For safety related data please refer to the safety data sheet!

Please note: All given data are based on careful examination in our laboratories and our past practical experience. These are non-binding indications. Given the high number of materials appearing on the market and the different methods of use which are beyond our influence and control, we naturally cannot accept any responsibility for the results of your work, also with regard to third party patent rights. We recommend that sufficiently thorough tests be carried out to ascertain whether the product described will meet the requirements of your particular case. Please also note our Terms of Sale, Delivery and Payment. This product information replaces all previous issues.