PRODUCT INFORMATION

GD 826 N

KÖMMERLING CHEMISCHE FABRIK GMBH

Self-vulcanizing, weather sealant with a high movement factor

- **Excellent weather-stability**
- **Excellent UV stability**
- **Temperature resistant from –40°C up to +140°C**
- **Neutral and odourless**
- **A sealant to the highest requirement classification DIN 18 545 T 2, group E**
- **Meets the requirements of ISO 11600 25 LM G**
- **Sealing of glass facades, slanted glazing, roof glazing and other components**

TECHNICAL DATA

Base	Solvent free, one component silicone rubber (alcoxy curing system), cures under the influence of atmospheric moisture			
Colour	Black			
Consistency	Paste			
Density		1,38	g/cm³	DIN 53 479 *
Skin formation time	>	15	min	*
Hardness Shore A		23		DIN 53 505, after14 d *
Modulus at 100% elongation		0,3	N/mm²	DIN 52 455
Elongation at break		550	%	DIN 52455
Tensile strength		0,95	N/mm²	DIN 52 455
Movement capability		25	%	ISO 11 600
*tested at normal climate DIN 50 014 – 23/50-2.				

PROCESSING

Processing temperature

+5°C - +35°C

Preparation

GD 826 N is available ready for use in sausage packs. It can be processed directly without mixing.
The joints must be dry, clean and free from dust and grease. Körasolv GL is suitable for degreasing non-porous surfaces, e.g. glass, metal. Care must be taken with plastics which are susceptible to stress cracking (please contact us for advice!). For optimum adhesion, we recommend use of a suitable primer.
(Refer to Product Information „Kö Primers“.)

Joint dimensions

The joints should be at least 4 mm wide and 4 mm deep. For wider joints up to approx. 5 mm, a joint with a square cross-section is most suitable. For wider joints the joint depth should be at least half the joint width. Maximum joint depth not more than 10 mm.
Prior to sealing, a stable, non-absorbent insert material is to be pressed into the joint. This insert material should be convex, e.g. polyethylene foam, is to be inserted in such a way that the adhesion surface on the joint faces is as large as possible (see also DIN standard 18 540)
It is recommended to mask the edges of the gap with self-adhesive tape in order to ensure a clean and straight joint.
Bonding on three faces.

Jointing process

Inject GD 826 N into the gap using an applicator gun. For better wetting, some pressure should be exerted on the edges of the joint when applying the material. Wider joints should be filled in several operations with the GD 826 N being applied first to the joint edges to ensure contact between the sealant and the complete surface of the edges of the joint.

The surface of the joint can be tooled with a wet spatula or finger. Diluted washing up liquid has proved very satisfactory as a moistening liquid. Masking tapes must be removed immediately after tooling of the sealant.
(Do not apply to wet or frozen surfaces).

Vulcanization

GD 826 N vulcanizes under the influence of atmospheric moisture. In addition, the period of vulcanization depends on the temperature and the thickness of the layer. Layers approx. 5 mm thick vulcanize at 23°C and 50% relative air humidity in 48 to 72 hours. Larger layer thickness takes accordingly longer to vulcanize. Lower atmospheric moisture slows the vulcanization process.
Full mechanical properties are achieved only upon full cure.

CLEANING

For cleaning use Körasolv GL.

SPECIAL NOTES

No adhesive for Structural Glazing!

Storage

GD 826 N has a shelf life of 9 months when stored at temperatures between 10°C and 25°C. Store in unopened packaging.
Avoid direct contact with water.

SAFETY

Please notice the indications on our EC-safety-data-sheets and the safety-indications on the labels of each product for the treatment of our products.

Especially the directions of the Dangerous Substance Regulation have to be respected.

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

PACKAGING UNITS

Sausages of 600 ml

PRODUCT NUMBER

C32659

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

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