

TI 098 Vers. 7.0 e

Test and recommendation list in combination with Kömmerling **GD 677** Polyurethane sealant Sealant compatibility

Content

The Technical Information TI 098 is about the application of direct and indirect contact with **GD 677** insulating glass edge seal and therefore probably suitable products from Kömmerling or from other manufacturers.

1. Preface

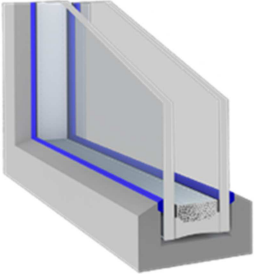
The following mentioned products are recommended because of their declared properties, manufacturer recommendations or internal respectively external tests. As a general rule the suitability for the desired application has to be approved by adequate self-testing of the user. Other manufacturer should also agree with the planned application if their materials are used. We (Kömmerling) can only be responsible for the function and the consistent properties of our own products.

The spreadsheets are structured by application. Depending on the application and therefore the resulting material in contact and the resulting type of load, the type and number of recommended products varies.

INFO	CT-xxxx	→ Compatibility testing with year of testing
	MT-xxxx	→ Test performed by manufacturer with year of testing
	R	→ Recommendation due to the properties and/or quality according the product information

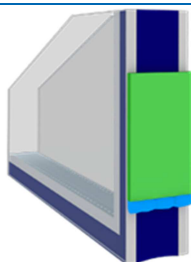
INFO | Please refer to the technical information “TI 033 compatibility“!

2. Case of Application

Application	2.1		
	Sealing between glass and frame Without direct / indirect contact		
	Base	Manufacturer	Foundation
Ködisil N	Silicone	KÖMMERLING	own product
KAWO SL 55	Silicone	Karl Wolpers	R
KAWO SL 54	Silicone	Karl Wolpers	R
KAWO SF 88	Silicone	Karl Wolpers	R
Sikasil N-plus	Silicone	SIKA	R
EGO Silicon 360	Silicone	EGO	MT-2015
EGO Silicon 460	Silicone	EGO	MT-2015
Ottoseal S 110	Silicone	Otto Chemie	R
Ottoseal S 120	Silicone	Otto Chemie	R
EVT Fenster HF	Silicone	EVT	R
DC 791	Silicone	Dow Corning	R
DC 796	Silicone	Dow Corning	R
DC 797	Silicone	Dow Corning	R
MultiSil	Silicone	Remmers	R
SaBesto neutral-Silicone Spezial	Silicone	Würth	R
Neutral 120	Silicone	Ramsauer	R
Alkoxy 130	Silicone	Ramsauer	R
Multiflex 131	Silicone	Ramsauer	R
Fassade 350	Silicone	Ramsauer	R
2-K Kleber 670	Silicone	Ramsauer	R
Perennator FA 101, transparent	Silicone	Tremco Illbruck	VP-2013

Application

2.2



Fixing of glazing blocks ^{1, 2, 3}

	Base	Manufacturer	Foundation
GD 823 N	Silicone	KÖMMERLING	own product
GD 826 N	Silicone	KÖMMERLING	own product
Ködisil N	Silicone	KÖMMERLING	own product
Körapur 125	Polyurethane	KÖMMERLING	own product
Ködiglaze P	Polyurethane	KÖMMERLING	own product
Ottoseal S7, S9, S10	Silicone	Otto Chemie	E
Ottoseal S110, S120	Silicone	Otto Chemie	CT -2013
EGO Silicon 333, 360, 460	Silicone	EGO	MT-2015
Sika WT 470, WT 480	Silicone	SIKA	CT-2007
Sikasil WS 605 S	Silicone	Sika	CT -2009
DC W 15 LM	Silicone	Dow Corning	CT -2005
DC 794 N	Silicone	Dow Corning	CT -2005
DC 3540	Silicone	Dow Corning	R
DC 791, DC 795	Silicone	Dow Corning	R
DC 895	Silicone	Dow Corning	R
MultiSil	Silicone	Remmers	MT-2008
Cosmopur K1 PUR Montageklebstoff	Polyurethane	Weiss Chemie	CT -2013
Neutral 120	Silicone	Ramsauer	CT -2015
Alkoxy 130	Silicone	Ramsauer	CT -2015
Multiflex 131	Silicone	Ramsauer	CT -2015
Fassade 350	Silicone	Ramsauer	CT -2015
1K Kleber 670	Silicone	Ramsauer	CT -2015
Perennator FA 101, transparent	Silicone	Tremco Illbruck	CT -2013
Tremco FA 151, transparent	Silicone	Tremco Illbruck	CT -2012
Soudaseal 240 FC	Silicone	Soudal	CT -2010

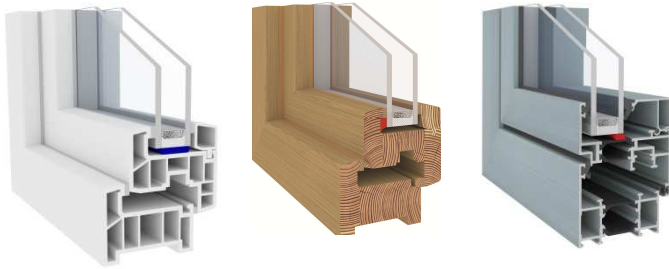
¹ only valid for the fixing of glazing blocks with low amount of application (< 2 cm³)

² not valid as prove of compatibility between glazing block material and adhesive sealant

³ categorical extender containing materials are excluded for use (mineral oil, solvents, etc.)

Application

2.3



Bonding in windows

- Rebate bonding
- Overlap bonding
- Glass edge bonding
- Burglar resistant glazing (RC)

Rebate bonding

Base

Manufacturer

Foundation

Ködiglaze P

1p or 2p Polyurethane

KÖMMERLING

own product

Overlap bonding

Base

Manufacturer

Foundation

Ködiglaze SDG

2p Silicone

KÖMMERLING

own product

Ködiglaze SDG 1C

1p Silicone

KÖMMERLING

own product

Ködiglaze ADG

2p Acrylate

KÖMMERLING

own product

Glass edge bonding

Base

Manufacturer

Foundation

Ködiglaze SDG

2p Silicone

KÖMMERLING

own product

Ködiglaze SDG 1C

1p Silicone

KÖMMERLING

own product

GD 823 N

1p Silicone

KÖMMERLING

own product

Burglar resistant glazing (RC)

Base

Manufacturer

Foundation

Ködiglaze P


1p or 2p Polyurethane

KÖMMERLING

own product

⁶ test reports for RC-2 glazing available, approval with several system houses

⁷ for 1p silicone it has to be ensured that the sealing depth is limited to max. 10 mm and a proper curing is assured

Application	2.4		
	Sealant for the weather joint ^{4, 5}		
	Base	Manufacturer	Foundation
GD 826 N	Silicone	KÖMMERLING	own product
DC 991	Silicone	Dow Corning	R
Ottoseal S7	Silicone	Otto Chemie	R
EGO Silicon 333	Silicone	EGO	MT-2015

⁴ not valid as prove of compatibility between sealant for the weather joint and backer material or joint limitation

⁵ good experiences exist with closed cell PE foam backer material and plasticizer free HV silicone profiles

Important Notice

INFO

We indicate that the mentioned information are based on laboratory tests on provided samples and/or the technical declaration of the particular manufacturer.

The in this document provided recommendations do not release the user from own tests since we have no knowledge on consistency of formulation, manufacturing process, and influence of ageing behavior on compatibility of foreign products.

Especially the compatibility respectively interaction depends on the amount of material in contact and therefore on the way of completion.

Please refer to the technical information “TI 033 compatibility“!

For non-listed products and/or applications please contact our technical service.

Every endeavour has been made to ensure that the information given herein is true and reliable but it is given for guidance only and is based on our own internal laboratory testing, having followed the correct storage, handling and application procedures. Due to the many and varied potential applications of our product in combination with many different materials, as well as variations in materials and processing methods that are beyond our control, users are advised to carry out their own tests to determine whether or not the product is suitable for their own application. We will be pleased to provide assistance on request. All technical data, product specifications, testing, measurement and processing methods and any recommendations quoted in this Technical Information are subject to change. The latest version of can be obtained from us. This document is a translation of the German version that was valid at the time of translation. It may not be reprinted, copied or published in whole or in part without our prior written consent.