

TI 200 Vers. 3.0 e

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

Content

The Technical Information TI 200 is about the application of direct and indirect contact with **GD677NA Plus** insulating glass edge seal and therefore probably suitable products from Kömmerling or from other manufacturers. These compatibility test and recommendations are also valid for the Kömmerling **GD and Naftotherm primary- (PIB) sealants**.

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 also must 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.

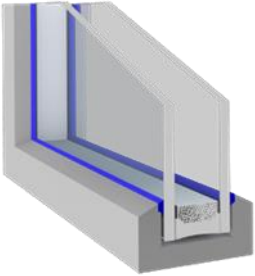
INFO

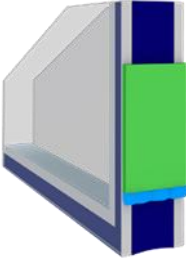
- | | |
|----------------|---|
| CT-xxxx | → Compatibility testing with year of testing |
| MT-xxxx | → Test performed by manufacturer with year of testing |
| R | → Recommendation due to the properties and/or quality according the product information |

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 MT/CT type of test = ift Guideline DI-01/1 „P1“ three test		
	Base	Manufacturer	Foundation
Ködisil N	Silicone	KÖMMERLING	own product
KAWO SL 54 and SL 55	Silicone	Karl Wolpers	R
KAWO SF 88	Silicone	Karl Wolpers	R
Wacker 440	Silicone	Wacker	CT-2022
Sikasil N-plus	Silicone	SIKA	R
Sikasil WS 504 S	Silicone	SIKA	CT-2022
OTTO S 110 and S 120	Silicone	Otto Chemie	R
EVT Fenster HF	Silicone	EVT	R
Dowsil 791	Silicone	Dow	CT-2022
Dowsil 796	Silicone	Dow	CT-2022
Dowsil 776	Silicone	Dow	CT-2022
DC 797	Silicone	Dow	R
DC 995	Silicone	Dow	CT-2018
MultiSil	Silicone	Remmers	CT-2023
SaBesto neutral-Silicone Spezial	Silicone	Würth	R
Neutral 120	Silicone	Ramsauer	CT-2015
Alkoxy 130	Silicone	Ramsauer	CT-2015
Multiflex 131	Silicone	Ramsauer	CT-2015
Fassade 350	Silicone	Ramsauer	CT-2015
2-K Kleber 670	Silicone	Ramsauer	CT-2015
Illbruck FA 101	Silicone	Tremco Illbruck	CT-2022
Renoseal	Silicone	Bloem	CT-2016
PTW FensterSilicone	Silicone	Soudal	R
Silirub Pro N	Silicone	Soudal	CT-2022
Danaseal 514 transparent	Silicone	Danalim	CT-2022
Modesil N°11	Silicone	LAKMA	CT-2016
Silicone Doors a. Windows 4588	Silicone	Adseal	CT-2017
Arboseal 1096	Silicone	Arbo	CT-2017
AX 9461	Silicone	FS / BS	CT-2016

Application	2.2		
	Fixing of glazing blocks ^{1, 2, 3}		
	MT/CT type of test = ift Guideline DI-01/1 „P1“ three test		
	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 S 110	Silicone	Otto Chemie	CT -2013
Ottoseal S7, S9, S10 and S120	Silicone	Otto Chemie	R
Wacker 440	Silicone	Wacker	CT-2022
Sika WT 470	Silicone	SIKA	CT-2020
Sika WT 480	Silicone	SIKA	CT-2020
Sika WS 605 S	Silicone	SIKA	CT-2022
Sikaflex 268	Polyurethane	SIKA	CT-2017
DC 3540	Silicone	Dow Corning	R
DC 795	Silicone	Dow Corning	R
Dowsil 791, 796 and 776	Silicone	Dow	CT-2022
MultiSil	Silicone	Remmers	CT-2023
Neutral 120	Silicone	Ramsauer	CT-2015
Alkoxy 130	Silicone	Ramsauer	CT-2015
Multiflex 131	Silicone	Ramsauer	CT-2015
Fassade 350	Silicone	Ramsauer	CT-2015
2k Kleber 670	Silicone	Ramsauer	CT-2015
Illbruck FA 101	Silicone	Tremco Illbruck	CT-2022
Tremco FA 151, transparent	Silicone	Tremco Illbruck	CT-2012
Soudaseal 240 FC	Silicone	Soudal	CT-2010
Modesil N°11	Silicone	LAKMA	CT-2016
2H Sil Premium	Silicone	Heller	CT-2016
PTW FensterSilicone	Silicone	Soudal	R
Silirub Pro N	Silicone	Soudal	CT-2022
Window Seal Plus	Silicone	DenBraven	R
Arboseal 1096	Silicone	Arbo	CT-2017
AX 9461	Silicone	FS / BS	CT-2016
DC 995	Silicone	Dow	CT-2018
Danafix SG20S and SG60S	Silicone	Danalim	CT-2022
Danaseal 514 transparent	Silicone	Danalim	CT-2022

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
 R O G	Bonding in windows ^{7, 8,} • Rebate bonding (R) • Overlap bonding (O) • Glass edge bonding (G) • Burglar resistant glazing (RC) MT/CT type of test = depends on purpose / type of bonding

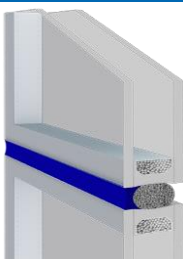
	Base	Manufacturer	Application	Foundation
Ködiglaze P	Polyurethane	Kömmerling	R, RC ⁶	own product
Ködiglaze SDG 1C,	Silicone (1c)	Kömmerling	O, G	own product
Ködiglaze SDG 10, 30	Silicone (2c)	Kömmerling	O, G	own product
ap bond 1k	Polyurethane	Aluplast	R	CT-2015
Sikasil WT 40, 65, 66	Silicone	Sika	R, O, G	CT-2020
Sikasil WT 470, 480, 485	Silicone	Sika	R, O, G	CT-2020
Fix-O-Round	Silicone	Sika	G	CT-2016
Spezialkleber P	Polyurethane	Schüco	R	CT-2015
Spezialkleber S	Silicone	Schüco	O, G	CT-2019

Under certain conditions, the use of products from other manufacturers is possible. For details please contact our technical service. It is also necessary to obtain the approval of the respective manufacturer and / or (profile) system provider.

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

⁸ In reference of bonding position and frame system, different test methods are required. For details please contact our technical service

Application	2.4		
	Sealant for the weather joint ^{4, 5}		
	MT/CT type of test = ift Guideline DI-01/1 „P2“ adhesion and “P3” Insulating glass test		
	Base	Manufacturer	Foundation
GD 826 N	Silicone	KÖMMERLING	own product
DC 991	Silicone	Dow Corning	R
Ottoseal S7	Silicone	Otto Chemie	R
Ramsauer 350	Silicone	Ramsauer	CT-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.

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

IMPORTANT: Information, specifications, procedures and recommendations provided ("information") are based on our experience and we believe this to be accurate. No representation, guarantee or warranty is made as to the accuracy or completeness of the information or that use of the product will avoid losses or damages or give desired results. It is user's sole responsibility to test and determine the suitability of any product for the intended use. Tests should be repeated if materials or conditions change in any way. The user is advised to review the specific context of the intended use to determine whether the user's intended use violates any law or infringes upon any patent(s). No employee, distributor or agent has any right to change these facts and offer a guarantee of performance.

NOTE TO USER: *by ordering/receiving product you accept the **H.B. Fuller General Terms and Conditions of Sale** applicable in the region. Please request a copy if you have not received these. These Terms and Conditions contain disclaimers of implied warranties (including but not limited to disclaiming warranties of fitness for a particular purpose) and limits of liability. All other terms are rejected. In any event, (1) the total aggregate liability of H.B. Fuller for any claim or series of related claims however arising, in contract, tort (including negligence), breach of statutory duty, misrepresentation, strict liability or otherwise, is limited to replacement of affected products or refund of the purchase price for affected products. (2) H.B. Fuller shall not be liable for loss of profit, loss of margin, loss of contract, loss of business, loss of goodwill or any indirect or consequential losses arising out of or in connection with product supply. (3) Nothing in any term shall operate to exclude or limit H.B. Fuller's liability for fraud, gross negligence or for death or personal injury caused by negligence, or for breach of any mandatory implied terms unless permitted by law.*

Kömmerring Chemische Fabrik GmbH

Zweibrücker Str. 200 | 66954 Pirmasens | Germany

Phone +49 6331 56-2000

Fax +49 6331 56-1999

www.koe-chemie.de

info@koe-chemie.de

