

Compatibility with various edge-sealing materials/ Bonding system adhesion

OTTOCOLL® S 88

Notes

General note

The compatibility of the chosen combination of materials must always be conscientiously tested. The following table contains the combinations of materials already tested by us.

Compatibility with butyl for primary edge sealing

OTTOCOLL® S 81 is compatible with conventional butyl-based primary edge-sealing materials.

Compatibility with TPS for primary edge sealing

The compatibility with TPS is to be tested by the user. Incompatibility which shows up as a garland effect is possible with some products.

Compatibility with silicone-based secondary edge-sealing materials

Experience has shown that silicone-based insulation glass sealants are compatible with high-grade silicone-based products such as OTTOCOLL® S 81.

Compatibility with secondary edge-sealing materials based on polysulfide and polyurethane / adhesion of the bonding system

For information on compatibility with edge-sealing materials based on polysulfide and polyurethane, please see the following table.

Compatibility with glazing blocks

Materials made of polyamide (PA), polyethylene (PE), polypropylene (PP), aliphatic polyaliphapolyolefins (APAO) without plasticiser additives do not need to be tested for compatibility with other components, provided these materials are not subjected to tensile loads in the window design.

(Extraction from RAL GZ 716 - April 2019 or ift guideline VE-08/4 - March 2017)

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The following specifications are based on tests and the evaluation criteria as per RAL-GZ 716/1 (3.5.4 Floating roller peel-resistance test, 4.3.1 Stacking test):

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Edge bond manufacturer	Edge-sealing materials	Result of the compatibility test	Footnote	Tested batches/ Year of the last testing	Possible bonding position
					3/4 glass edge
IGK Isolierglasklebstoffe GmbH, Hasselroth	IGK 311	compatible	1)	A: 30161020010 B: 49132510548 2020	yes
	IGK 330	compatible	1)	A: 303070200010 B: 49332510548 2020	yes
	IGK 130	compatible	1)	A: 19814514030 B: 29897500398 2020	yes
Fenzi SpA, Tribiano	Thiover / Thiover F	compatible	1)	A: 920001746 B: 920004572 2020	yes
	Poliver	compatible	1)	A: 919005049 B: 919001746 2020	yes
Kömmerling Chemische Fabrik GmbH, Pirmasens	GD 116	compatible	1)	A: 17723 B: 93460 2020	yes
	GD 116 NA	compatible	1)	A: 14380 B: 15092 2020	yes
	GD 677 NA	compatible	1)	A: 14610 B: 16140 2020	yes
	Naftotherm M82-935	compatible	1)	A: 473711110 B: 54375011 2021	yes
Tremco-Ilbruck GmbH & Co. KG, Bodenwöhr	JS 442 MF	compatible	1)	A: 35452/20 B: 39186/20 2020	yes
TENACHEM Latvia	Tenaglass PS	compatible	1)	A: 19190 B: 19178 2020	yes
ECI European Chemical Industries	EMCEPREN 200	compatible	1)	A: 258601 B: 180301 2020	yes

1) The result of our compatibility check refers to the tested edge bond batches. The product processor is to clarify in advance whether the currently produced edge bond still matches the tested edge bond.

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We wish to clearly point out that our statements regarding compatibility can change in the light of future test results and knowledge gained. It is the responsibility of the person processing to procure the latest recommendations before commencing work. The current recommendation can be downloaded from our website www.otto-chemie.com.

This information is the result of extensive tests and has been compiled to the best of our knowledge, taking our most recent practical experience into account. However, our statements refer exclusively to the material tested by us under our test conditions. As a precaution, we also wish to point out that information gained from laboratory tests does not embrace all possible influences in actual practice or all possible installation situations. Before commencing any task, we recommend separately clarifying the suitability of our products for each particular application on a sample or prototype. If you have any questions, please contact our Technical Service Department.



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