

# OTTOCOLL® S 81

## Compatibility with various edge-sealing materials/ Bonding system adhesion

### **Compatibility with butyl for primary edge sealing**

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

### **Compatibility with TPS for primary edge sealing**

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If a TPS spacer system is used for primary edge sealing, we advise against the use of OTTOCOLL® S 81 as changes to the material of the TPS cannot be excluded (garland effect).

### **Compatibility with silicone-based secondary edge-sealing materials**

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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**

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

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The following information is based on compatibility tests in accordance with RAL-GZ 716/1 section III, part A (3.5.4 Floating roller peel-resistance test, 4.3.1 Stacking test):

OTTOCOLL® S81						
Manufacturer	Edge-sealing materials	Result of the compatibility test	Footnote	Tested batches and test date	Possible bonding position	
					1, 2, 4 and 3/4	Rebate base
IGK Isolierglas-klebstoffe GmbH, Hasselroth, Germany	IGK 311	Compatible	1)	Contractual agreement	yes	yes with OTTO Cleanprimer 1226
	IGK 330					
	IGK 130	Compatible	1)	Contractual agreement	yes	yes with OTTO Primer 1216
Deutsche Hutchinson GmbH, Eschborn, Germany (formerly Bostik)	Totalseal 3189/2	Compatible	2)	A: D 08784 B: D 08949 May 2013	yes	yes with OTTO Cleanprimer 1226
Fenzi SpA, Tribiano, Italy	Thiover	Compatible	1)	Contractual agreement	yes	yes with OTTO Cleanprimer 1226
	Poliver	Compatible	2)	A: 913191853 B: 913164610 November 2013	yes	yes with OTTO Cleanprimer 1226
Kömmerling Chemische Fabrik GmbH, Pirmasens, Germany	GD 116	Compatible	–) 3)	Contractual agreement	yes	yes with OTTO Cleanprimer 1226
	GD 677	Compatible	–) 3)	Contractual agreement	yes	yes with OTTO Cleanprimer 1226
Tremco-Ilbruck GmbH & Co. KG, Bodenwöhr, Germany	JS 442	Compatible	1)	Contractual agreement	yes	yes with OTTO Cleanprimer 1226
SAZI Ltd., Moscow	Tiofest	Compatible	1)	Contractual agreement	yes	yes with OTTO Cleanprimer 1226
Nedex Chemie Germany GmbH	PS 998 R	Compatible	1)	Contractual agreement	yes	yes with OTTO Cleanprimer 1226

- 1) The recommendations listed above are based on mutual compatibility tests between the edge-sealing manufacturer and OTTO. There is a contractual agreement between this manufacturer and OTTO regarding the mutual obligation to inform in case of changes to formulations.
- 2) The results of our compatibility tests refer to the batches tested and are only valid if the manufacturers named at the time our tests were performed have not changed any of the formulations, the raw materials or the manufacturing methods of the products named by them, and do not change them in the future. We are unable to influence these factors. Possible changes made by the manufacturers are not necessarily made known to us. Information needs to be obtained from the manufacturer in order to find out to which degree the formulation of the batches tested conforms with the formulation currently being produced. For this reason it is important to obtain confirmation regarding compatibility from each manufacturer.
- 3) According to the tests carried out by OTTO (Floating roller peel-resistance test and stacking test) the materials named are compatible. We have not obtained approval from the company Kömmerling for the rebate base 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 latest recommendations can be obtained by enquiring at: [info@otto-chemie.com](mailto:info@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.



**Sealants • Adhesives**

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