



Summary of all test results regarding sealant compatibility with TROSIFOL PVB

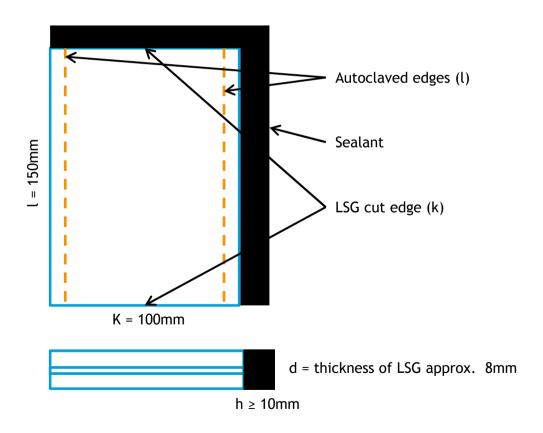
TROSIFOL generally gives no recommendation for or against any sealant - we recommend avoiding direct contact between PVB and sealant! The following test results are determined in co-operation with the sealant manufacturers. Please ask the sealant suppliers for latest available information, processing guidelines and further advice!

May 14



Test results for testing the compatibility of sealants

Preparation of the test specimens according the ift guideline DI-02/1 The usability of sealants Part 2: Test materials in contact with the edge of laminated glass and laminated safety glass

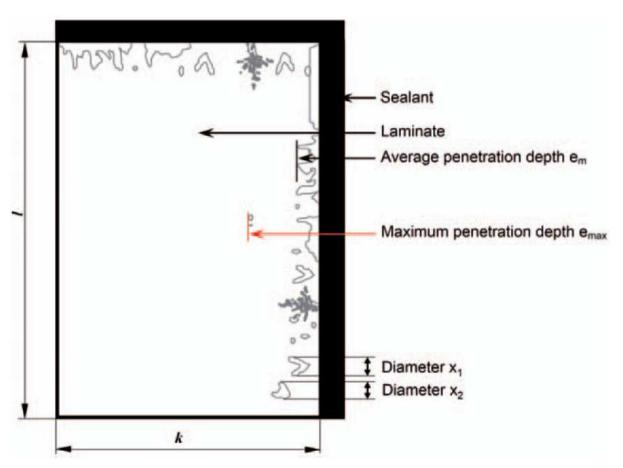


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Test results for testing the compatibility of sealants

Sketch to assess laminate changes according the ift guideline DI-02/1 The usability of sealants Part 2: Test materials in contact with the edge of laminated glass and laminated safety glass



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Test results TROSIFOL - Dow Corning

name of seale	manufacturer	e of sealar	compone	lanci	^{Trosifol} PVE	percentage o; affected edge	·	, performe	^t method	t date (Vea	penetration depth of the defec							description of the defect	assessment
Па	ma	t_{Vpe}	8		F	pe, aff	test		test	les.			•	-				•	
			1-K	2-K		[%]	int.	ext.			1 2	3	4 5	6	7 8	B 9	10		
DC 3362	Dow Corning	silicone		Х	BG R10	n.a.		X	Α	2011								n.a.	approved for full contact by Dow Corning
DC 3540	Dow Corning	silicone	X		BG R10	0		X	Α	2011								no visible anomaly	approved for full contact by Dow Corning
DC 3793	Dow Corning	silicone	X		BG R10	k.A.		X	Α	2011								n.a.	approved for full contact by Dow Corning
DC 756 SMS	Dow Corning	silicone	X		BG R10	0		X	Α	2011								no visible anomaly	approved for full contact by Dow Corning
DC 757	Dow Corning	silicone	X		BG R10	0		X	Α	2011								no visible anomaly	approved for full contact by Dow Corning
DC 791	Dow Corning	silicone	X		BG R10	0		X	Α	2011								no visible anomaly	approved for full contact by Dow Corning
DC 993	Dow Corning	silicone		X	BG R10	0		X	Α	2011								no visible anomaly	approved for full contact by Dow Corning
DC 995	Dow Corning	silicone	X		BG R10	0		X	Α	2011								no visible anomaly	approved for full contact by Dow Corning
DC 776	Dow Corning	silicone	X		BG R10	n.a.		X	Α	2011								n.a.	approved for full contact by Dow Corning
DC 3-0117	Dow Corning	silicone	X		BG R10	0		X	Α	2011				\perp				no visible anomaly	approved for full contact by Dow Corning
DC 895	Dow Corning	silicone	X		BG R10	0		X	Α	2011								no visible anomaly	approved for full contact by Dow Corning
DC 3362	Dow Corning	silicone		X	BG R20	n.a.		X	Α	2011								n.a.	approved for full contact by Dow Corning
DC 3540	Dow Corning	silicone	X		BG R20	0		X	Α	2011								no visible anomaly	approved for full contact by Dow Corning
DC 3793	Dow Corning	silicone	X		BG R20	n.a.		X	Α	2011								n.a.	approved for full contact by Dow Corning
DC 756 SMS	Dow Corning	silicone	X		BG R20	0		X	Α	2011								no visible anomaly	approved for full contact by Dow Corning
DC 757	Dow Corning	silicone	X		BG R20	0		X	Α	2011								no visible anomaly	approved for full contact by Dow Corning
DC 791	Dow Corning	silicone	X		BG R20	0		X	Α	2011								no visible anomaly	approved for full contact by Dow Corning
DC 993	Dow Corning	silicone		X	BG R20	0		X	Α	2011								no visible anomaly	approved for full contact by Dow Corning
DC 995	Dow Corning	silicone	X		BG R20	0		X	Α	2011								no visible anomaly	approved for full contact by Dow Corning
DC 776	Dow Corning	silicone	X		BG R20	n.a.		X	Α	2011								no visible anomaly	approved for full contact by Dow Corning
DC 3-0117	Dow Corning	silicone	X		BG R20	10		X	Α	2011								a few little edge bubbles d < 1mm	approved for full contact by Dow Corning
DC 895	Dow Corning	silicone	X		BG R20	0		X	Α	2011								no visible anomaly	approved for full contact by Dow Corning
DC 3362	Dow Corning	silicone		X	Solar R40	n.a.		X	Α	2011								n.a.	approved for full contact by Dow Corning
DC 3540	Dow Corning	silicone	X		Solar R40	0		X	Α	2011				\perp				no visible anomaly	approved for full contact by Dow Corning
DC 3793	Dow Corning	silicone	X		Solar R40	n.a.		X	Α	2011				\perp				n.a.	approved for full contact by Dow Corning
DC 756 SMS	Dow Corning	silicone	X		Solar R40	0		X	Α	2011				\perp		\perp		no visible anomaly	approved for full contact by Dow Corning
DC 757	Dow Corning	silicone	X		Solar R40	0		X	Α	2011								no visible anomaly	approved for full contact by Dow Corning
DC 791	Dow Corning	silicone	X		Solar R40	0		X	Α	2011								no visible anomaly	approved for full contact by Dow Corning
DC 993	Dow Corning	silicone		X	Solar R40	0		X	Α	2011				\perp				no visible anomaly	approved for full contact by Dow Corning
DC 995	Dow Corning	silicone	X		Solar R40	0		X	Α	2011								no visible anomaly	approved for full contact by Dow Corning
DC 776	Dow Corning	silicone	X		Solar R40	n.a.		X	Α	2011								n.a.	approved for full contact by Dow Corning
DC 3-0117	Dow Corning	silicone	X		Solar R40	0		X	Α	2011								no visible anomaly	approved for full contact by Dow Corning
DC 895	Dow Corning	silicone	X		Solar R40	0		X	Α	2011								no visible anomaly	approved for full contact by Dow Corning
DC 3362	Dow Corning	silicone		X	SC	n.a.		X	Α	2011								n.a.	approved for full contact by Dow Corning
DC 3540	Dow Corning	silicone	X		SC	3		X	Α	2011								a few little edge bubbles d < 2mm	approved for full contact by Dow Corning
DC 3793	Dow Corning	silicone	X		SC	n.a.		X	Α	2011								n.a.	approved for full contact by Dow Corning
DC 756 SMS	Dow Corning	silicone	X		SC	5		X	Α	2011								a few little edge bubbles d < 1mm	approved for full contact by Dow Corning
DC 757	Dow Corning	silicone	X		SC	0		X	Α	2011		$\perp \perp$						no visible anomaly	approved for full contact by Dow Corning
DC 791	Dow Corning	silicone	X		SC	0		X	Α	2011						I		no visible anomaly	approved for full contact by Dow Corning
DC 993	Dow Corning	silicone		X	SC	60		X	Α	2011						I		little edge bubbles d < 1mm	approved for full contact by Dow Corning
DC 995	Dow Corning	silicone	X		SC	0		X	Α	2011								no visible anomaly	approved for full contact by Dow Corning
DC 776	Dow Corning	silicone	X		SC	n.a.		X	Α	2011						I		n.a.	approved for full contact by Dow Corning
DC 3-0117	Dow Corning	silicone	X		SC	10		X	Α	2011				\perp		\perp	\perp	a few little edge bubbles d < 2mm	approved for full contact by Dow Corning
DC 895	Dow Corning	silicone	X		SC	5		X	Α	2011								a few little edge bubbles d < 1,5mm	approved for full contact by Dow Corning

Notes:

- > n.a. = not applicable
- > test specimen 150mm (autoclaved edge) x 100mm (cut edge)
- > sealant applied on the autoclaved edge as well as on the cut edge
- > test performed at the Dow Corning lab in Seneffe; Belgium

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average penetration depth [mm]

maximum penetration depth [mm]

Disclaimer:

The information, recommendations and details given in this document have been compiled with care and to our best knowledge and belief. They do not entail an assurance of properties above and beyond the product specification.

The user of our products is responsible for ensuring that the product is suitable for the intended use and conforms to all relevant regulations. Kuraray Europe GmbH does not accept any guarantee or liability for any errors, inaccuracies or omissions in this document.



Test results TROSIFOL - SIKA (1)

name of sealant	manufacturer	type of sealant		ponent	Trosifol PVB	Percentage of affected edge	tes		test method	test date (year)	penetration depth of the [mm]					description of the defect	assessment				
			1-K	2-K		[%]	int.				1	2	3	4	5	6 7	8	9	10		
Sikasil SG-500	SIKA	silicone		X	BG R10	0		X	С	2011		Ш				\perp	\perp			no visible anomaly	no assessment *
Sikasil SG-500 CN	SIKA	silicone		X	BG R10	0		X	С	2011	_	Ш	_	_	4	\perp	\perp	\perp	\perp	no visible anomaly	no assessment *
Sikasil SG-550	SIKA	silicone		X	BG R10	0		X	С	2011	\perp	ш	_	4	4	\perp	\perp	\perp	\perp	no visible anomaly	no assessment *
Sikasil IG-25 HM Plus	SIKA	silicone		X	BG R10	0		X	С	2011	_		_	_	4		_	╙	_	no visible anomaly	no assessment *
Sikasil IG-25	SIKA	silicone		X	BG R10	0		X	С	2011			_	_	_		_	╙		no visible anomaly	no assessment *
Sikasil WT-485	SIKA	silicone	X		BG R10	30		X	С	2011										edge bubbles	no assessment *
Sikasil SG-20	SIKA	silicone	X		BG R10	30		X	С	2011						\perp	\perp			edge bubbles	no assessment *
Sikasil SG-18	SIKA	silicone	X		BG R10	80		X	С	2011					_		\perp	\perp		edge bubbles	no assessment *
Sikasil WS-605 S	SIKA	silicone	X		BG R10	0		X	С	2011	\perp	Ш		_	_	\perp	\perp	\perp		no visible anomaly	no assessment *
Sikasil WS-305 CN	SIKA	silicone	X		BG R10	0		X	С	2011		Ш				\perp	\perp			no visible anomaly	no assessment *
Sikasil WS-680 SC	SIKA	silicone	X		BG R10	0		X	С	2011										no visible anomaly	no assessment *
Sikasil IG-16	SIKA	silicone	X		BG R10	25		X	С	2011						\perp				edge bubbles	no assessment *
SikaGlaze GG-735	SIKA	silicone		X	BG R10	0		X	С	2011										no visible anomaly	no assessment *
Icosit KC-340/7	SIKA	silicone		X	BG R10	25		X	С	2011										edge bubbles	no assessment *
Sikasil SG-500	SIKA	silicone		X	BG R20	30		X	С	2011										edge bubbles	no assessment *
Sikasil SG-500 CN	SIKA	silicone		X	BG R20	0		X	C	2011										no visible anomaly	no assessment *
Sikasil SG-550	SIKA	silicone		X	BG R20	30		X	С	2011										edge bubbles	no assessment *
Sikasil IG-25 HM Plus	SIKA	silicone		X	BG R20	30		X	С	2011										edge bubbles	no assessment *
Sikasil IG-25	SIKA	silicone		X	BG R20	30		X	С	2011										edge bubbles	no assessment *
Sikasil WT-485	SIKA	silicone	X		BG R20	40		X	С	2011										edge bubbles	no assessment *
Sikasil SG-20	SIKA	silicone	X		BG R20	35		X	С	2011							Т	Г		edge bubbles	no assessment *
Sikasil SG-18	SIKA	silicone	X		BG R20	30		X	С	2011							Т	Т		edge bubbles	no assessment *
Sikasil WS-605 S	SIKA	silicone	Х		BG R20	20		X	С	2011							Т	П		edge bubbles	no assessment *
Sikasil WS-305 CN	SIKA	silicone	X		BG R20	0		X	С	2011										no visible anomaly	no assessment *
Sikasil WS-680 SC	SIKA	silicone	X		BG R20	0		X	С	2011										no visible anomaly	no assessment *
Sikasil IG-16	SIKA	silicone	Х		BG R20	25		X	С	2011							Т			edge bubbles	no assessment *
SikaGlaze GG-735	SIKA	silicone		Х	BG R20	100		X	С	2011								Т		edge bubbles	no assessment *
Icosit KC-340/7	SIKA	silicone		Χ	BG R20	60		X	С	2011										edge bubbles	no assessment *
Sikasil SG-500	SIKA	silicone		X	SC	10		X	С	2011						Т	Т			edge bubbles	no assessment *
Sikasil SG-500 CN	SIKA	silicone		X	SC	25		X	С	2011								Т		edge bubbles	no assessment *
Sikasil SG-550	SIKA	silicone		Χ	SC	15		X	С	2011										edge bubbles	no assessment *
Sikasil IG-25 HM Plus	SIKA	silicone		X	SC	10		X	С	2011										edge bubbles	no assessment *
Sikasil IG-25	SIKA	silicone		Х	SC	10		X	С	2011					Т			Г		edge bubbles	no assessment *
Sikasil WT-485	SIKA	silicone	Х		SC	0		X	С	2011		П								no visible anomaly	no assessment *
Sikasil SG-20	SIKA	silicone	Х		SC	30		Х	С	2011				T						edge bubbles	no assessment *
Sikasil SG-18	SIKA	silicone	Х		SC	25		X	С	2011					T	\top	T	\top		edge bubbles	no assessment *
Sikasil WS-605 S	SIKA	silicone	Х		SC	25		X	С	2011					T			\top		edge bubbles	no assessment *
Sikasil WS-305 CN	SIKA	silicone	Х		SC	15		X	С	2011								1		edge bubbles	no assessment *
Sikasil WS-680 SC	SIKA	silicone	Х		SC	0		X	С	2011						\top		1		no visible anomaly	no assessment *
Sikasil IG-16	SIKA	silicone	X		SC	10		X	С	2011					\top	\top	\top	\top	1	edge bubbles	no assessment *
SikaGlaze GG-735	SIKA	silicone		Х	SC	100		X	С	2011					T	\top	T	T		edge bubbles	no assessment *
Icosit KC-340/7	SIKA	silicone		Х	SC	100		Х	С	2011	Г				T	\top	T	T		edge bubbles	no assessment *

Disclaimer:



Test results TROSIFOL - SIKA (2)

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ⁿ ame of seala	manufacturer	type of sealar	Com	honent	Trosifol PVB	Percentage of affected edge	^{test} performe	•	test method	test date (yea		netrat		[mn	n]			description of the defect	assessment
		_	1-K	2-K		[%]	int. e	xt.			1	2 3	4	5	6 7	8	9	10	
Sikasil SG-500	SIKA	silicone		Х	SC plus	75		X	С	2011								edge bubbles	no assessment *
Sikasil SG-500 CN	SIKA	silicone		Х	SC plus	0		X	С	2011								no visible anomaly	no assessment *
Sikasil SG-550	SIKA	silicone		X	SC plus	20		X	С	2011								edge bubbles	no assessment *
Sikasil IG-25 HM Plus	SIKA	silicone		X	SC plus	20)	X	С	2011								edge bubbles	no assessment *
Sikasil IG-25	SIKA	silicone		X	SC plus	75		X	С	2011								edge bubbles	no assessment *
Sikasil WT-485	SIKA	silicone	X		SC plus	30		X	С	2011								edge bubbles	no assessment *
Sikasil SG-20	SIKA	silicone	Х		SC plus	50		X	С	2011								edge bubbles	no assessment *
Sikasil SG-18	SIKA	silicone	X		SC plus	30		X	С	2011								edge bubbles	no assessment *
Sikasil WS-605 S	SIKA	silicone	X		SC plus	40		X	С	2011								edge bubbles	no assessment *
Sikasil WS-305 CN	SIKA	silicone	X		SC plus	5	,	X	С	2011								edge bubbles	no assessment *
Sikasil WS-680 SC	SIKA	silicone	Х		SC plus	0		X	С	2011								no visible anomaly	no assessment *
Sikasil IG-16	SIKA	silicone	Х		SC plus	20)	X	С	2011								edge bubbles	no assessment *
SikaGlaze GG-735	SIKA	silicone		Х	SC plus	60)	X	С	2011								edge bubbles	no assessment *
Icosit KC-340/7	SIKA	silicone		X	SC plus	60		X	С	2011								edge bubbles	no assessment *
Sikasil SG-500	SIKA	silicone		X	Solar R40	10		X	С	2011								edge bubbles	no assessment *
Sikasil SG-500 CN	SIKA	silicone		X	Solar R40	5		X	С	2011								edge bubbles	no assessment *
Sikasil SG-550	SIKA	silicone		X	Solar R40	0		X	С	2011								no visible anomaly	no assessment *
Sikasil IG-25 HM Plus	SIKA	silicone		Х	Solar R40	15)	X	С	2011								edge bubbles	no assessment *
Sikasil IG-25	SIKA	silicone		Х	Solar R40	10		X	С	2011								edge bubbles	no assessment *
Sikasil WT-485	SIKA	silicone	Х		Solar R40	0)	X	С	2011								no visible anomaly	no assessment *
Sikasil SG-20	SIKA	silicone	X		Solar R40	50	,	X	С	2011				П				edge bubbles	no assessment *
Sikasil SG-18	SIKA	silicone	X		Solar R40	10)	X	С	2011				П				edge bubbles	no assessment *
Sikasil WS-605 S	SIKA	silicone	X		Solar R40	0)	X	С	2011								no visible anomaly	no assessment *
Sikasil WS-305 CN	SIKA	silicone	X		Solar R40	0	,	X	С	2011								no visible anomaly	no assessment *
Sikasil WS-680 SC	SIKA	silicone	Х		Solar R40	0	,	X	С	2011	П							no visible anomaly	no assessment *
Sikasil IG-16	SIKA	silicone	Х		Solar R40	15		X	С	2011								edge bubbles	no assessment *
SikaGlaze GG-735	SIKA	silicone		Х	Solar R40	70		X	С	2011								edge bubbles	no assessment *
Icosit KC-340/7	SIKA	silicone		Х	Solar R40	20		Χ	С	2011								edge bubbles	no assessment *
Notes:												averag	je pe	enetra	ation	depth	n [mi	m]	

> n.a. = not applicable

> test specimen 150mm (autoclaved edge) x 100mm (cut edge)

> sealant applied on the autoclaved edge as well as on the cut edge

* tests performed at the SIKA lab, test report only valid until April 2013

maximum penetration depth [mm]

ant



Test results TROSIFOL - Otto-Chemie

^{la} me of sea _{ls}	nanufacture _r	Vpe of sealar	S	nponent	Trosifol PVB	percentage or affected edge	test per	renome	est method	est date (yea	pene	tratio		oth of i * nm]	the c	lefec	t description of the defect	assessment
2	-	4		2-K		[%]	int.	ext.	43	2	1 2	3	1 5	6 7	8	Q 1	n l	
Ottoseal S120 transp.	Otto Chemie	silicone	X	2-10	SC+	0	X	CAL.	В	2012	1 2	3	4 5	0 7	1	3 1	slightly milky edge after humidity test, disappeared after UV test	complies with the criteria of the ift guideline
Ottoseal S120 transp.	Otto Chemie	silicone	X		SC ⁺	0		X	В	2012				\vdash	+	+	no visible anomaly	complies with the criteria of the ift guideline
Ottocoll S81	Otto Chemie	silicone		X	SC ⁺	8	Х		В	2012					+	\top	a few 7 edge bubbles d _{max} = 5mm	complies with the criteria of the ift guideline
Ottocoll S81	Otto Chemie	silicone		X	SC ⁺	15		Х	В	2012					+	\top	edge bubbles 16 at the cut edge and 2 at the autoclaved edge	complies with the criteria of the ift guideline
Ottoseal S110 braun	Otto Chemie	silicone	Х		SC ⁺	3	X		В	2012					+	\top	one edge bubble with d = 5,5mm at the cut edge	complies with the criteria of the ift guideline
Ottoseal S110 braun	Otto Chemie	silicone	X		SC ⁺	1		X	В	2012						\neg	one edge bubble	complies with the criteria of the ift guideline
Ottoseal S7	Otto Chemie	silicone	X		SC ⁺	1	X		В	2012					\top	\top	1 bubble 3,5mm at autoclaved edge,silicone oil on the specimen	complies with the criteria of the ift guideline
Ottoseal S7	Otto Chemie	silicone	X		SC ⁺	2		Х	В	2012					\Box	\top	3 edge bubbles at the cut edge	complies with the criteria of the ift guideline
Ottoseal S110 manhatten	Otto Chemie	silicone	Х		SC ⁺	1	Х		В	2012					\Box	\neg	1 edge bubble with d = 1mm at the autoclaved edge	complies with the criteria of the ift guideline
Ottoseal S110 manhatten	Otto Chemie	silicone	X		SC ⁺	4		Х	В	2012							2 edge bubbles at the corner	complies with the criteria of the ift guideline
Ottocoll S670	Otto Chemie	silicone		X	SC ⁺	10	X		В	2012							10 bu. cut edge, slightly milky edge after humidity, dis. after UV	complies with the criteria of the ift guideline
Ottocoll S670	Otto Chemie	silicone		X	SC ⁺	9		X	В	2012							2 edge bu.at the cut & 4 edge bubbles at the autoclaved edge	complies with the criteria of the ift guideline
Ottoseal S120 transp.	Otto Chemie	silicone	X		SC	25	X		В	2012							edge bubbles	complies with the criteria of the ift guideline
Ottoseal S120 transp.	Otto Chemie	silicone	Х		SC	10		Х	В	2012					П		10 edge bubbles at the cut edge	complies with the criteria of the ift guideline
Ottocoll S81	Otto Chemie	silicone		X	SC	35	Х		В	2012					П		edge bubbles at the autoclaved edge	complies with the criteria of the ift guideline
Ottocoll S81	Otto Chemie	silicone		X	SC	17		Х	В	2012					П		edge bubbles 20 prefered at the cut edge	complies with the criteria of the ift guideline
Ottoseal S110 braun	Otto Chemie	silicone	X		SC	35	X		В	2012							slightly milky edge after humidity, disap. after UV test, edge bu.	complies with the criteria of the ift guideline
Ottoseal S110 braun	Otto Chemie	silicone	X		SC	40		X	В	2012							little edge bubbles	complies with the criteria of the ift guideline
Ottoseal S7	Otto Chemie	silicone	X		SC	30	X		В	2012							edge bubble, a slightly milky edge after humidity disap, after UV	complies with the criteria of the ift guideline
Ottoseal S7	Otto Chemie	silicone	X		SC	34		X	В	2012							edge bubbles prefered at the cut edge	complies with the criteria of the ift guideline
Ottoseal S110 manhatten	Otto Chemie	silicone	X		SC	2	X		В	2012							1 edge bubble at the cut edge and 1 at the autoclaved edge	complies with the criteria of the ift guideline
Ottoseal S110 manhatten	Otto Chemie	silicone	X		SC	8		X	В	2012							edge bubbles prefered a the cut edge	complies with the criteria of the ift guideline
Ottocoll S670	Otto Chemie	silicone		X	SC	38	X		В	2012							edge bubbles	complies with the criteria of the ift guideline
Ottocoll S670	Otto Chemie	silicone		X	SC	25		X	В	2012							edge bubbles	complies with the criteria of the ift guideline
Ottocoll S670	Otto Chemie	silicone			BG R10	4	X		В	2012							edge bubbles	complies with the criteria of the ift guideline
Ottocoll S670	Otto Chemie	silicone			BG R10	10		Х	В	2012				\perp	\perp		edge bubbles	complies with the criteria of the ift guideline
Ottocoll S670	Otto Chemie	silicone			BG R20	13	X		В	2012					Ш	\perp	edge bubbles	complies with the criteria of the ift guideline
Ottocoll S670	Otto Chemie	silicone		X	BG R20	10		X	В	2012					Ш		edge bubbles	complies with the criteria of the ift guideline
Ottoseal S7	Otto Chemie	silicone	X		BG	25	X		D	2007							edge bubbles d < 1,5mm	complies with the criteria of the ift guideline
Ottoseal S7	Otto Chemie	silicone	X		BG	8		X	В	2007							edge bubbles at the cut edge d < 1mm	complies with the criteria of the ift guideline
Ottoseal S10 schwarz	Otto Chemie	silicone	X		BG	30	X		D	2007							edge bubbles d < 1,5mm, partly edge bubbles chains	complies with the criteria of the ift guideline
Ottoseal S10 schwarz	Otto Chemie	silicone	X		BG	21		X	В	2007					\vdash	\perp	edge bubbles	complies with the criteria of the ift guideline
Ottoseal S110 transparent	Otto Chemie	silicone	X		BG	6	X		D	2007					\perp		5 edge bubbles d < 1mm, prefered at the cut edge	complies with the criteria of the ift guideline
Ottoseal S110 transparent	Otto Chemie	silicone	X		BG	50		X	В	2007					\perp	_	edge bubbles and edge delamination	complies with the criteria of the ift guideline
Ottoseal S110 weiß	Otto Chemie	silicone	X		BG	50	X		D	2007					\sqcup	\perp	very little edbe bubble chains d < 1mm	complies with the criteria of the ift guideline
Ottoseal S110 weiß	Otto Chemie	silicone	X		BG	6		X	В	2007					\sqcup	\perp	a few edge bubbles d < 1mm	complies with the criteria of the ift guideline
Ottoseal S120 schwarz	Otto Chemie	silicone	X		BG	18	X		D	2007					\perp		a few edge bubbles d < 1mm	complies with the criteria of the ift guideline
Ottoseal S120 schwarz	Otto Chemie	silicone	X		BG	25	1	Х	В	2007			_	\vdash	\sqcup	\perp	edge bubbles	complies with the criteria of the ift guideline
Ottoocoll S81	Otto Chemie	silicone			BG	40	X		D	2007				\perp	\sqcup	\perp	edge bubbles and edge bubble chains	complies with the criteria of the ift guideline
Ottoocoll S81	Otto Chemie	silicone	_		BG	100	1	X	В	2007				\vdash	\perp		partly edge delamination 1-2 mm	complies with the criteria of the ift guideline
Novasil S42	Otto Chemie	silicone	_	X	BG	15	X		D	2007		\Box		\perp	\perp	\perp	edge bubbles d < 2mm	complies with the criteria of the ift guideline
Novasil S43	Otto Chemie	silicone		X	BG	20		X	В	2007							a few edge bubbles and partly edge delamination of 1mm	complies with the criteria of the ift guideline

Notes:

> test specimen 150mm (autoclaved edge) x 100mm (cut edge)

> sealant applied on the autoclaved edge as well as on the cut edge

> test performed at the Otto-Chemie lab and in parallel at the TROSIFOL lab

average penetration depth [mm]

maximum penetration depth [mm]

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Test results TROSIFOL - Momentive

ⁿ ame of ^{Seal} ar	manufacturer	^{ty} pe of ^{seala} nt	component	Trosifol PVB	Percentage of affected edge	test pert	paurormed	test method	^{test} date (Year)			[·* mm]		e defe		description of the defect	assessment
			1-K 2-	K	[%]	int.	ext.			1 2	2 3	4 4	5 6	7 8	8 9	10		
SilPruf	Momentive	silicone		SC ⁺	n.a.		X	Е	2013									compatible (Momentive)
Multisil	Momentive	silicone		SC ⁺	n.a.		X	Е	2013									compatible (Momentive)
SilPruf	Momentive	silicone		SC	n.a.		X	E	2013									compatible (Momentive)
Multisil	Momentive	silicone		SC	n.a.		X	Е	2013									compatible (Momentive)
SilPruf	Momentive	silicone		BG R15	n.a.		X	Е	2013									compatible (Momentive)
Multisil	Momentive	silicone		BGR15	n.a.		X	Е	2013									compatible (Momentive)
SilPruf	Momentive	silicone		BG R20	n.a.		X	Е	2013									compatible (Momentive)
Multisil	Momentive	silicone		BG R20	n.a.		X	Е	2013									compatible (Momentive)
SilPruf	Momentive	silicone		Solar R40	n.a.		X	E	2013									compatible (Momentive)
Multisil	Momentive	silicone		Solar R40	n.a.		X	E	2013									compatible (Momentive)
UltraglazeSSG4000E	Momentive	silicone		BG	n.a.		X	F	2012									compatible (Momentive)
Ultraglaze SSG44000	Momentive	silicone		BG	n.a.		X	F	2012									compatible (Momentive)
Ultraglaze SSG4400	Momentive	silicone		BG	n.a.		Х	F	2012						\Box			compatible (Momentive)
IGS 3723	Momentive	silicone		BG	n.a.		Х	F	2012						П			compatible (Momentive)
IGS 3703E	Momentive	silicone		BG	n.a.		X	F	2012				\top	-	\top			compatible (Momentive)
Silpruf SCS2000	Momentive	silicone		BG	n.a.		X	F	2012				_@	Г				compatible (Momentive)
UltraGlaze SSG4400	Momentive	silicone		BG R15	n.a.		Х	F	2011	П		П	-Hicable		П			compatible (Momentive)
UltraGlaze SSG4400	Momentive	silicone		BG R15 weiß-trans.	n.a.		Х	F	2011			Γ,	<i>i</i>	\neg				compatible (Momentive)
UltraGlaze SSG4600	Momentive	silicone		BG R15	n.a.		Х	F	2011			<u>ا</u> ۾	2				Momentive test report:	compatible (Momentive)
UltraGlaze SSG4600	Momentive	silicone		BG R15 weiß-trans.	n.a.		Х	F	2011			~~					At the conditions of this compatibility test.	compatible (Momentive)
UltraGlaze SSG4700	Momentive	silicone		BG R15	n.a.		X	F	2011		\top	2					There was no adhesion loss to the glass substrate	compatible (Momentive)
UltraGlaze SSG4700	Momentive	silicone		BG R15 weiß-trans.	n.a.		Х	F	2011		T						or any color change visible.	compatible (Momentive)
UltraGlaze SSG4000AC	Momentive	silicone		BG R15	n.a.		Х	F	2011		_	- 1						compatible (Momentive)
UltraGlaze SSG4000AC	Momentive	silicone		BG R15 weiß-trans.	n.a.		Х	F	2011		-	T						compatible (Momentive)
Construction SCS1200	Momentive	silicone		BG R15	n.a.		Х	F	2011	П	1	\top						compatible (Momentive)
Construction SCS1200	Momentive	silicone		BG R15 weiß-trans.	n.a.		X	F	2011									compatible (Momentive)
Rapid Strength RGS7700	Momentive	silicone		BG R15	n.a.		X	F	2011									compatible (Momentive)
Rapid Strength RGS7700	Momentive	silicone		BG R15 weiß-trans.	n.a.		X	F	2011									compatible (Momentive)
Silpruf SCS2000	Momentive	silicone		BG R15	n.a.		Х	F	2011						\Box			compatible (Momentive)
Silpruf SCS2000	Momentive	silicone		BG R15 weiß-trans.	n.a.		Х	F	2011						\Box			compatible (Momentive)
SilPruf NB SCS9000	Momentive	silicone		BG R15	n.a.		Х	F	2011						\Box			compatible (Momentive)
SilPruf NB SCS9000	Momentive	silicone		BG R15 weiß-trans.	n.a.		Х	F	2011									compatible (Momentive)
SilGlaze II SCS2800	Momentive	silicone		BG R15	n.a.		X	F	2011									compatible (Momentive)
SilGlaze II SCS2800	Momentive	silicone		BG R15 weiß-trans.	n.a.		X	F	2011	\top	\top		\top		\top			compatible (Momentive)
Constructors-N SCS1800	Momentive	silicone		BG R15	n.a.		X	F	2011									compatible (Momentive)
Constructors-N SCS1800	Momentive	silicone		BG R15 weiß-trans.	n.a.		X	F	2011				\top		\top			compatible (Momentive)
Multisil SCS5500	Momentive	silicone		BG R15	n.a.		X	F	2011	\top	\top				\top			compatible (Momentive)
Multisil SCS5500	Momentive	silicone		BG R15 weiß-trans.	n.a.		X	F	2011	\top					\top			compatible (Momentive)
SilGlaze N10	Momentive	silicone		BG R15	n.a.	\Box	X	F	2011	+	\top		\top		\top			compatible (Momentive)
SilGlaze N10	Momentive	silicone		BG R15 weiß-trans.	n.a.		X	F	2011	+	_		-		\perp	$\overline{}$		compatible (Momentive)

Notes

> test specimen 150mm (autoclaved edge) x 100mm (cut edge)

> sealant applied according Momentive procedure

> test performed at the Momentive lab

average penetration depth [mm]

maximum penetration depth [mm]

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Test results TROSIFOL - Kömmerling

of seala	facturer	of Sealan		onent	ifol PVB	Percentage of affected edge	erformec	ethod	ate (Vear	pen	netra	ation	dept	h of	the	defe	ct		
пате	тапи	фрес	Š	dirio	Tros	Perce affect	test p	test n	test a				[mn	1]				description of the defect	assessment
			1-K	2-K		[%]	int. ext			1	2 ;	3 4	5	6 7	7 8	9	10		
GD 116	Kömmerling	Polysulfide		X	BG R15	0	X	В	2013										complies with ift guideline
GD 677	Kömmerling	Polyurethane		X	BG R15	0	X	В	2013										complies with ift guideline
GD 826 N	Kömmerling	Silicone	X		BG R15	30 45	X	В	2013										complies with ift guideline
GD 823 N	Kömmerling	Silicone	X		BG R15	3 80	X	В	2013										complies with ift guideline
GD 116	Kömmerling	Polysulfide		X	BG R20	0	X	В	2013										complies with ift guideline
GD 677	Kömmerling	Polyurethane		X	BG R20	0	X	В	2013										complies with ift guideline
GD 826 N	Kömmerling	Silicone	X		BG R20	<1 < 1	X	В	2013										complies with ift guideline
GD 823 N	Kömmerling	Silicone	X		BG R20	30 40	X	В	2013									slight yellowing up to 2mm	complies with ift guideline
GD 116	Kömmerling	Polysulfide		X	SC	<1 < 1	X	В	2013										complies with ift guideline
GD 116 NA	Kömmerling	Polysulfide		X	SC	<1 < 1	X	В	2013										complies with ift guideline
GD 677	Kömmerling	Polyurethane		X	SC	<1 < 1	X	В	2013										complies with ift guideline
GD 826 N	Kömmerling	Silicone	X		SC	25 80	X	В	2013									slight yellowing up to 2mm	complies with ift guideline
GD 823 N	Kömmerling	Silicone	X		SC	65 80	X	В	2013										complies with ift guideline
GD 116	Kömmerling	Polysulfide		X	SC plus	0	X	В	2013										complies with ift guideline
GD 116 NA	Kömmerling	Polysulfide		X	SC plus	0	X	В	2013										complies with ift guideline
GD 826 N	Kömmerling	Silicone	X		SC plus	25 15	X	В	2013									slight yellowing up to 2mm	complies with ift guideline
GD 920	Kömmerling	Silicone		X	Solar R40	55 13	X	В	2013						T			slight yellowing up to 2mm	complies with ift guideline
GD 826 N	Kömmerling	Silicone	X		Solar R40	45 15	X	В	2013									<u> </u>	complies with ift guideline
GD 823 N	Kömmerling	Silicone	Χ		Solar R40	0	X	В	2013									·	complies with ift guideline
Notes:										a	avera	age pe	enetra	ition (depth	mm] i]		

maximum penetration depth [mm]

> test specimen 150mm (autoclaved edge) x 100mm (cut edge)

> sealant applied on the autoclaved edge as well as on the cut edge

> test performed at the Kömmerling lab

* percentage of the affected edge differs bewtween autoclaved edge (I) and cut edge (k), average values are listed

* maximum penetration depth, worse value is listed

May 14

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Test results TROSIFOL - Fenzi

name of seal	manufacture	b/pe of seala	1-K	tuauodwoo 2-K	Trosifol PVE	Percentage o	int. ext.	test method	test date (ye	pene		l	mm]		description of the defect	assessment
Poliver	Fenzi	Polyurethane			SC ⁺	n.a.	X	В	2012							compatible acc. ift guideline (FENZI)
Poliver	Fenzi	Polyurethane			SC	n.a.	X	В	2012							compatible acc. ift guideline (FENZI)
Poliver	Fenzi	Polyurethane			BG R15	n.a.	X	В	2012						"bubbles within 1cm from the edges	compatible acc. ift guideline (FENZI)
Thiover (F - F/1)	Fenzi	Polysulfide			SC	n.a.	X	В	2012						sligth yellowing 2mm	compatible acc. ift guideline (FENZI)
Thiover (F - F/1)	Fenzi	Polysulfide			BG R15	n.a.	X	В	2012		ΙТ				sligth yellowing 0,5mm	compatible acc. ift guideline (FENZI)
Thiover (F - F/1)	Fenzi	Polysulfide			HR100	n.a.	X	В	2011							compatible acc. ift guideline (FENZI)

average penetration depth [mm]

maximum penetration depth [mm]

Notes:

- > n.a. = not applicable
- > test specimen 150mm (autoclaved edge) x 100mm (cut edge)
- > sealant applied on the autoclaved edge as well as on the cut edge
- > test performed at the Fenzi lab

Disclaimer: