Products compatible with BIOCLEAN range from SAINT-GOBAIN

Update July 2022

Introduction:

This technical guide update has the aim to give practical information on glazing materials that are compatible with BIOCLEAN range, easy to clean glass from SAINT-GOBAIN, during the glazing work and after.

For any product, guidance should be sought from the supplier regarding its suitability as a glazing material, or it's compatibility with other glazing materials. The glazing method should also take into account the recommendations given in relevant national standards, regulations, codes of practice and recommendations of the manufacturer or supplier of the glazing material. If you have any further questions, please contact your Saint-Gobain Glass Sales Manager. The products mentioned in this document were compatible with BIOCLEAN range at the date of the test. It is fully recommended to check with the supplier that the product hasn't been modified since that date. Saint-Gobain Glass is not responsible for any modification.

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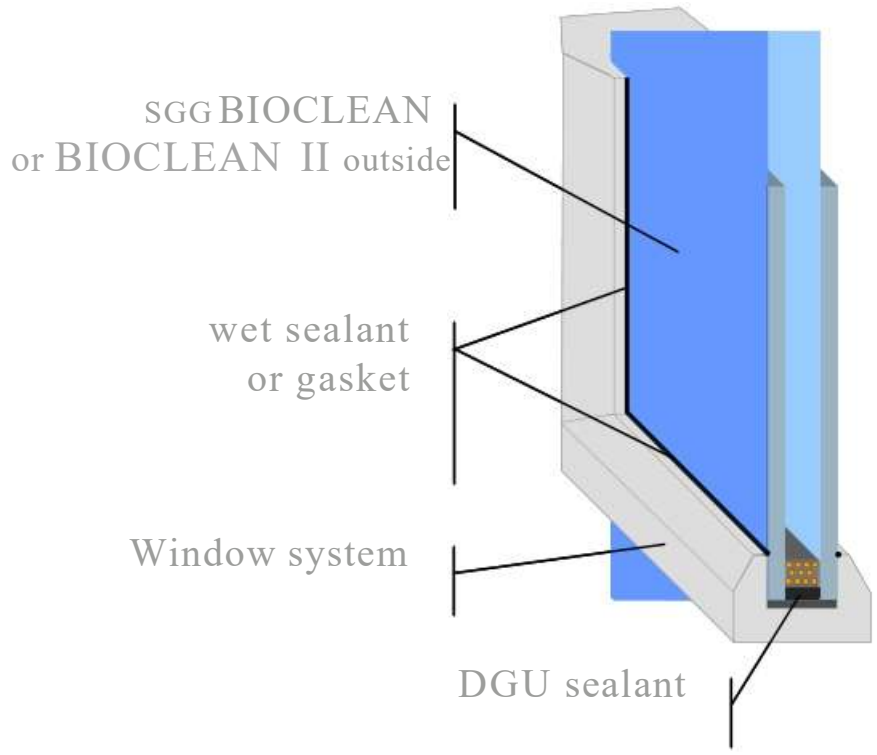
1. Conventional windows with 4 sides framed, curtain walls…



1. Conventional windows with 4 sides framed, curtain walls…

1.1. Wet sealant (1/2):

The products mentioned in the table below are compatible with BIOCLEAN range at the indicated date of test. It is fully recommended to check with the supplier that the product hasn't been modified since that date. Saint-Gobain Glass is not responsible for any modification.

Glass to frame sealing					
Important: There are **no silicone sealants compatible** with BIOCLEAN range. Product alternatives are either the SCG Tec or MS-Polymer or Hybrid based sealants below.					
Family	**Supplier**	**Reference**	**Comment**	**Date tested**	**Internet**
Hybrid-Polymer	ATE	Sealclean	SNJF G25E ISO EN 11600 G25 Adhesion: ISO EN 11431	08/2007	www.atedistribution.com
Polymer	AZ Electronical Materials (Merck)	Durazane		2016	www.merck-performance-materials.com/en/
Hybrid-Polymer	Dana Lim A/S	Danaseal Interior 521	SNJF G25E ISO EN 11600 G25 Adhesion: ISO EN 11431	08/2007	www.danalim.dk
	Den Braven	Hybriseal 2PS		01/2016	www.denbraven.com/en/
Hybrid-Polymer	Fenoplast Fügetechnik	Fenotherm Comp.A Fenotherm Comp.B	ISO EN 11600 G25 LM Adhesion: ISO EN 11431	04/2010	www.fenoplast.de
Polymer	Kömmerling	Korapur 45 Schwartz/Black		2016	http://www.kommerlinguk.com/
Hybrid-Polymer	Merz + Benteli AG	Merbenit UV27* black	ISO EN 11600 G25 SNJF G25E Adhesion: ISO EN 11431	08/2007	www.merz-benteli.ch
Silikonprofil	Sika Engineering Silicones	Sikasil WS-680 SC	ISO EN 11600 G25 LM Adhesion: ISO EN 11431	04/2010	www.sika.com
	Sika	Sikaflex CrystalClear		01/2016	www.sika.com
SCG TEC®	Soudal	SMX® 506 black	ISO 11600 G25 LM Adhésion: ISO EN 11431	09/2011	www.soudal.com

1. Conventional windows with 4 sides framed, curtain walls…

1.1. Wet sealant (2/2):

The products mentioned in the table below are compatible with BIOCLEAN range at the indicated date of test. It is fully recommended to check with the supplier that the product hasn't been modified since that date. Saint-Gobain Glass is not responsible for any modification.

Glass to frame sealing					
Important: There are **no silicone sealants compatible** with BIOCLEAN range. Product alternatives are either the SCG Tec or MS-Polymer or Hybrid based sealants below.					
Family	**Supplier**	**Reference**	**Comment**	**Date tested**	**Internet**
	Reiss Kraft	Turboflex Transparent		02/2016	www.reiss-kraft.de/
	Reiss Kraft	Turboflex 4in1		02/2016	www.reiss-kraft.de/
	Sika	Sikaflex CrystalClear		01/2016	www.sika.com

1. Conventional windows with 4 sides framed, curtain walls…

1.2. Gasket (1/5):

The products mentioned in the table below are compatible with BIOCLEAN range at the indicated date of test. It is fully recommended to check with the supplier that the product hasn't been modified since that date. Saint-Gobain Glass is not responsible for any modification.

Dry Glazing system

Important: **prevent any use of silicone oiled gasket**. Prefer the gaskets listed below, dry or lubricated without silicone oil.

Family	Supplier	Reference	Comment	Date tested	Internet
EPDM	Dätwyler	3540	Dry	12/2003	www.rubber-plastic.ch
EPDM	Dätwyler	3548	Dry	12/2003	www.rubber-plastic.ch
EPDM	Deceuninck	P1999*	Dry	09/2003	http://www.deceuninck.com/uk/
EPDM	Deceuninck	P3299*	Dry	05/2007	http://www.deceuninck.com/uk/
EPDM	Deflex - Dichtsysteme	DDS EPD gasket	Dry	09/2003	http://deflex-online.de/en/
EPDM	Deflex - Dichtsysteme	DDS	slipping with soap emulsion	09/2003	http://deflex-online.de/en/
EPDM	Deflex - Dichtsysteme	DDS	slipping with sliding polymer	09/2003	http://deflex-online.de/en/
TPE	Deventer	TPE 1 SEBS	Dry	09/2003	www.deventer-profile.com
TPE	Deventer	TPE vulcanised	Dry	09/2003	www.deventer-profile.com
TPE	Deventer	TPE 2 SEBS	Dry	09/2003	www.deventer-profile.com
EPDM	Exitex	Hip / Valley - gasket	slipping with glycerol	10/2006	www.exitex.com
EPDM	Exitex	DGBS capex - gasket	dry	10/2006	www.exitex.com
EPDM	Exitex	LS - gasket (with glue strip)	dry	10/2006	www.exitex.com
EPDM	GTG-Schüco	GTG - dry	Dry	12/2003	www.gtg-group.com
EPDM	GTG-Schüco	GTG with "slipping polymer"	slipping polymer	12/2003	www.gtg-group.com
EPDM	GTG-Schüco	GTG with "slipping lacker"	slipping lacker	12/2003	www.gtg-group.com
EPDM	GTG-Schüco	GTG "promolisiert"	Dry	12/2003	www.gtg-group.com
EPDM	Hutchinson	Ecotherm*	Dry	12/2003	https://www.hutchinson.com/fr/e
Dry gasket	INEOS (Hydro)	CO-extruded Gasket Vaycron XA77833 Black		09/2008	https://www.ineos.com/businesses/ineos-enterprises/businesses/ineos-compounds/

*New name

1. Conventional windows with 4 sides framed, curtain walls…

1.2. Gasket (2/5):

The products mentioned in the table below are compatible with BIOCLEAN range at the indicated date of test. It is fully recommended to check with the supplier that the product hasn't been modified since that date. Saint-Gobain Glass is not responsible for any modification.

Dry Glazing system					
Important: **prevent any use of silicone oiled gasket**. Prefer the gaskets listed below, dry or lubricated without silicone oil.					
Family	**Supplier**	**Reference**	**Comment**	**Date tested**	**Internet**
EPDM	Installux	Gasket 7064	Dry	09/2011	www.installux-aluminium.com
EPDM	Installux	Gasket 7064	lubrificated with Klüberplus S03-105	09/2011	www.installux-aluminium.com
EPDM	Schlegel	4058 - 101	Dry & slightly lubricated	12/2003	http://www.schlegel.com/eu/en/
EPDM	Schlegel	4100 - 101	Dry & slightly lubricated	12/2003	http://www.schlegel.com/eu/en/
EPDM	Reddiplex	3231	dry	10/2003	www.reddiplex.co.uk
EPDM	Reddiplex	3234	dry	10/2003	www.reddiplex.co.uk
EPDM	Reddiplex	3237	dry	10/2003	www.reddiplex.co.uk
TPE	Prodex	P123		10/2011	www.prodex-elastomeres.com
TPE	Prodex	P404		10/2011	www.prodex-elastomeres.com
EPDM	Prodex	P503		10/2011	www.prodex-elastomeres.com
EPDM	Prodex	P524		10/2011	www.prodex-elastomeres.com
Dry Silicone	Saint-Gobain SIPRO	Siproslide	treated	08/2005	https://www.processsystems.saint-gobain.com/
EPDM	SAPA Building Systems	RU 1027	Origin Hutchinson (FIT)	11/2008	www.sapabuildingsystems.co.uk

…/…

1. Conventional windows with 4 sides framed, curtain walls…

1.2. Gasket (3/5):

The products mentioned in the table below are compatible with BIOCLEAN range at the indicated date of test. It is fully recommended to check with the supplier that the product hasn't been modified since that date. Saint-Gobain Glass is not responsible for any modification.

Dry Glazing system

Important: **prevent any use of silicone oiled gasket**. Prefer the gaskets listed below, dry or lubricated without silicone oil.

Family	Supplier	Reference	Comment	Date tested	Internet
EPDM	Semperit	2600	dry	11/2003	https://www.semperitgroup.com/en.ht
EPDM	Semperit	2631	dry	11/2003	https://www.semperitgroup.com/en.ht
EPDM	Semperit	2633	dry	11/2003	https://www.semperitgroup.com/en.ht
EPDM, talc	Semperit	2600	Talc slipping	11/2003	https://www.semperitgroup.com/en.ht
EPDM, talc	Semperit	2604	Talc slipping	11/2003	https://www.semperitgroup.com/en.ht
EPDM, talc	Semperit	2631	Talc slipping	11/2003	https://www.semperitgroup.com/en.ht
EPDM, talc	Semperit	2633	Talc slipping	11/2003	https://www.semperitgroup.com/en.ht
EPDM	Semperit	1 4473 30	dry	04/2007	https://www.semperitgroup.com/en.ht
EPDM	Semperit	5 6483 30	dry	04/2007	https://www.semperitgroup.com/en.ht
EPDM	Semperit	M4605	PMMA	07/2007	https://www.semperitgroup.com/en.ht
EPDM	Semperit	M4616	slipping with Struktol VP5289	07/2007	https://www.semperitgroup.com/en.ht ml/
EPDM	Semperit	M4610	slipping with Getren P3300	06/2008	https://www.semperitgroup.com/en.ht ml/
Dry silicone gasket	Silex	Silicone foam profile red brown		06/2008	www.silex-silikon.de
Dry silicone gasket	Silex	Silix SX 60		06/2011	www.silex-silikon.de
PVC-U	Spectus Systems	unsiliconised PVC-U	dry	09/2003	http://www.spectus.co.uk/
EPDM	Ristaro*	150383.002	dry	12/2006	https://www.ristaro.de/

*New name

1. Conventional windows with 4 sides framed, curtain walls…

1.2. Gasket (4/5):

The products mentioned in the table below are compatible with BIOCLEAN range at the indicated date of test. It is fully recommended to check with the supplier that the product hasn't been modified since that date. Saint-Gobain Glass is not responsible for any modification.

Dry Glazing system					
Important: **prevent any use of silicone oiled gasket**. Prefer the gaskets listed below, dry or lubricated without silicone oil.					
Family	**Supplier**	**Reference**	**Comment**	**Date tested**	**Internet**
EPDM	Thyssen-Krupp	SPKAL16LIPGU30		03/2016	www.thyssenkrupp-plastics.de
EPDM	Thyssen-Krupp	SPKAL16RI132511	Talc slipping	03/2016	www.thyssenkrupp-plastics.de
EPDM	Thyssen-Krupp	"ribs-gasket" 132 513	Talc slipping	03/2016	www.thyssenkrupp-plastics.de
EPDM	Thyssen-Krupp	"ribs-gasket" 132 515	Talc slipping	03/2005	www.thyssenkrupp-plastics.de
EPDM	Thyssen-Krupp	"ribs-gasket" 132 516	Talc slipping	03/2005	www.thyssenkrupp-plastics.de
EPDM, talc	Thyssen-Krupp	"ribs-gasket" 132 518G	Talc slipping	03/2005	www.thyssenkrupp-plastics.de
EPDM	Thyssen-Krupp	"ribs-gasket" 132 519 SPKAL16RI132519	Talc slipping	03/2016	www.thyssenkrupp-plastics.de
EPDM, talc	Thyssen-Krupp	"ribs-gasket" 132 520	Talc slipping	03/2005	www.thyssenkrupp-plastics.de
EPDM	Thyssen-Krupp	"ribs-gasket" 132 521 SPKAL16RI132521	Talc slipping	03/2016	www.thyssenkrupp-plastics.de
EPDM, talc	Thyssen-Krupp	"ribs-gasket" 132 522	Talc slipping	03/2005	www.thyssenkrupp-plastics.de
EPDM	Thyssen-Krupp	"ribs-gasket" 132 523	Talc slipping	03/2016	www.thyssenkrupp-plastics.de
EPDM	Thyssen-Krupp	"ribs-gasket" 132 526	Talc slipping	03/2016	www.thyssenkrupp-plastics.de
EPDM	Thyssen-Krupp	SPKAL16PILZ1931	Talc slipping	03/2016	www.thyssenkrupp-plastics.de

1. Conventional windows with 4 sides framed, curtain walls…

1.2. Gasket (5/5):

The products mentioned in the table below are compatible with BIOCLEAN range at the indicated date of test. It is fully recommended to check with the supplier that the product hasn't been modified since that date. Saint-Gobain Glass is not responsible for any modification.

Dry Glazing system					
Important: **prevent any use of silicone oiled gasket**. Prefer the gaskets listed below, dry or lubricated without silicone oil.					
Family	**Supplier**	**Reference**	**Comment**	**Date tested**	**Internet**
Hibrid-Polymer	ATE vitratech	Butyl Alu band. Bande AT		09/2018	www.atedistribution.com
EPDM	3M	VHB Structural Glazing Tape G23F & G15F - Extreme Sealing Tape 4412 N		09/2018	https://www.3m.com/
EPDM, talc	Thyssen-Krupp	"mushroom-gasket" 1935	Talc slipping	03/2005	www.thyssenkrupp-plastics.de
EPDM, talc	Thyssen-Krupp	"lips-gasket"	Talc slipping	03/2005	www.thyssenkrupp-plastics.de
EPDM	Inoutic	DRF 4 IE	dry	06/2004	www.inoutic.com
EPDM	TPP BV	EasySet PT505	Dry gasket	10/2005	www.tpp-bv.com
EPDM	Trelleborg	EPDM dry	dry	09/2003	www.trelleborg.com/industrialprofiles
EPDM	Trelleborg	EPDM Dipro 2150	Dipro 2150	09/2003	www.trelleborg.com/industrialprofiles
EPDM	Trelleborg	EPDM with soap emulsion	soap emulsion	09/2003	www.trelleborg.com/industrialprofiles
EPDM	Trelleborg	EPDM Cellular Strip Untreated	slipping with Cellular Strip	06/2004	www.trelleborg.com/industrialprofiles
EPDM	Trelleborg	EPDM with potatoes starch	slipping with Potatoes starch	06/2004	www.trelleborg.com/industrialprofiles
EPDM	Trelleborg	EPDM one side treated	slipping with Antifric	06/2004	www.trelleborg.com/industrialprofiles
EPDM	Tremco	Peroxide EPDM 65	dry	12/2004	www.tremcosealants.com
EPDM	Tremco	70 Duro EPDM	dry	12/2004	www.tremcosealants.com
EPDM	Tremco	60 Duro EPDM	dry	12/2004	www.tremcosealants.com
EPDM	Tremco	SCR 900-70	dry	12/2004	www.tremcosealants.com
EPDM	VEKA	Extruded EPDM	dry	06/2003	www.veka.de
EPDM	Wibra-Plast	A-Quality colours grey / black		04/2010	*www.wibra-plast.de*
EPDM	Wibra-Plast	AA-Quality colours grey / black		04/2010	*www.wibra-plast.de*
EPDM	Iseo Gomma S.P.A.	71-EP/TN		10/2012	www.iseogomma.it
EPDM	Iseo Gomma S.P.A.	61-EP/TN		10/2012	www.iseogomma.it
EPDM	Iseo Gomma S.P.A.	71-EPICAR/TN	*DIN 7863*	10/2012	www.iseogomma.it

1. Conventional windows with 4 sides framed, curtain walls…

1.3. Lubricant for Gasket:

The products mentioned in the table below are compatible with BIOCLEAN range at the indicated date of test. It is fully recommended to check with the supplier that the product hasn't been modified since that date. Saint-Gobain Glass is not responsible for any modification.

Lubricants for dry glazing systems					
Family	**Supplier**	**Reference**	**Comment**	**Date tested**	**Internet**
Spray	Deflex Dichtsysteme	Gummispray A1		05/2008	www.deflex.de
Spray	Deflex-Dichtsysteme	Gummispray A1		05/2008	www.deflex.de
New Liquid	Evonik Industries	Getren P3100	MEA21 045 testing	10/2021	www.evonik.com
Liquid	Evonik Industries	Getren P3300		07/2015	www.evonik.com
Liquid	Schill & Seillacher	Struktol VP5289		07/2007	https://struktol.de/en/
New Liquid	Schill & Seillacher	Struksilon P529	MEA22 058 testing	07/2022	https://struktol.de/en/
Liquid	Evonik Industries	Gleitpolymer B7100	Liquid aid for the assembly	04/2010	www.evonik.com
Liquid	Hutchinson	Tekskin		12/2003	www.deutsche-hutchinson.de
Liquid	Phoenix	Renoclean		12/2005	www.phoenix-ag.com
Liquid	Phoenix	Unislip		12/2005	www.phoenix-ag.com
Spray	Würth	Dichtstoffglättemittel		11/2008	www.wuerth.com

1. Conventional windows with 4 sides framed, curtain walls…

1.4. Window system:

The products mentioned in the table below are compatible with BIOCLEAN range at the indicated date of test. It is fully recommended to check with the supplier that the product hasn't been modified since that date. Saint-Gobain Glass is not responsible for any modification.

Windows System					
Family	**Supplier**	**Reference**	**Comment**	**Date tested**	**Internet**
PVC	Aluplast	gasket 749082 TPE		12/2005	www.aluplast.de
PVC	Aluplast	extruded gasket DN-49001		12/2005	www.aluplast.de
PVC	Alwo	profile with EPDM "ribs-gasket"		03/2005	www.Otto-Wolff.de
PVC	Dimex	PCE extruded gasket		12/2005	www.veka.de
PVC	GEALAN	co-extruded, weldable		03/2003	www.gealan.de
PVC	Profine - KBE	EPDM (silicone-free) gaskets 9044 SF; 9045 SF		02/2004	www.kbe-online.de
PVC	Profine - Kömmerling	EPDM (silicone-free) gaskets 9044.1, 9045 SF		03/2004	www.koemmerling.de
PVC	Salamander	Modell Brügmann	only with gasket No. DP 204	10/2006	www.sip.de
PVC	Salamander	Modell I-Design	only with gasket No. 414 633	10/2006	www.sip.de

1. Conventional windows with 4 sides framed, curtain walls…

1.5. Construction / Frame wet sealant:

The products mentioned in the table below are compatible with BIOCLEAN range at the indicated date of test. It is fully recommended to check with the supplier that the product hasn't been modified since that date. Saint-Gobain Glass is not responsible for any modification.

Construction / Frame Sealant					
Important: **NO silicone sealant**. BIOCLEAN functionality can be altered due to water run-off polluted by silicones oils.					
Family	**Supplier**	**Reference**	**Comment**	**Date tested**	**Internet**
Hybrid-Polymer	Fenoplast Fügetechnik	Fenotherm black	ISO EN 11600 G25 LM Adhesion: ISO EN 11431	04/2010	www.fenoplast.de
Hybrid-Polymer	Merz + Benteli	Merbenit UV27* black	ISO EN 11600 G25 SNJF G25E Adhesion: ISO EN 11431	08/2007	www.merz-benteli.ch
MS-Polymer	Soudal	Soudaseal LM 215		06/2003	www.soudal.com

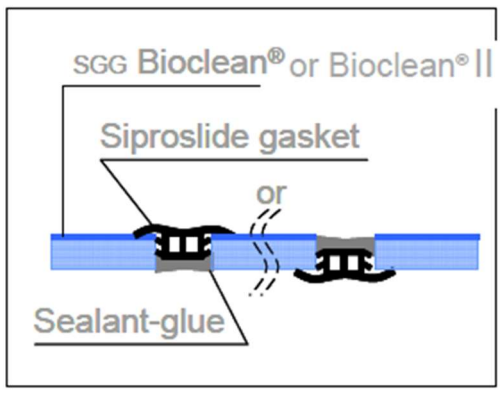
* New name

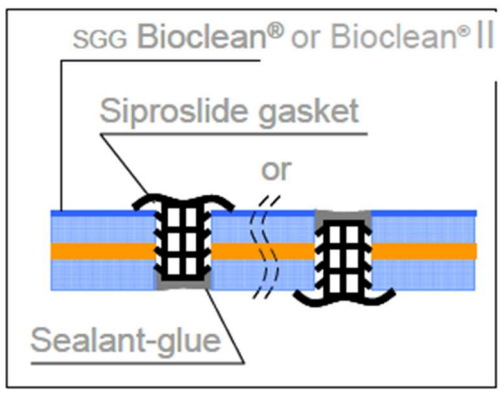
1.6. Sealant for Double Glazing Unit:

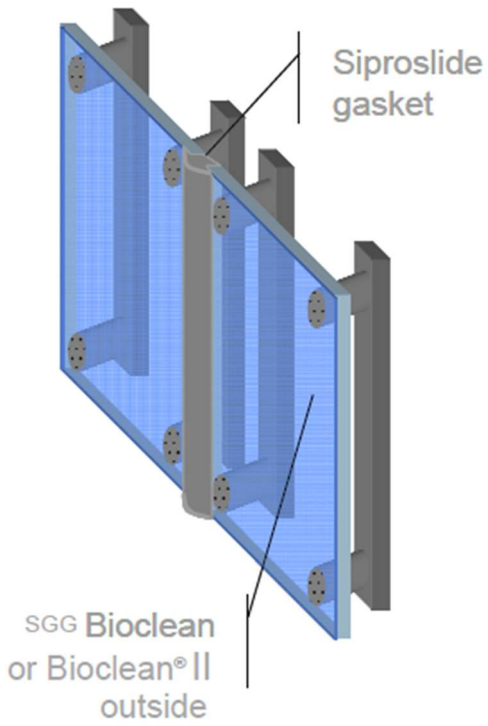
Usual sealant used for DGUs are: polysulphides, polyurethanes, hot melt and butyls.

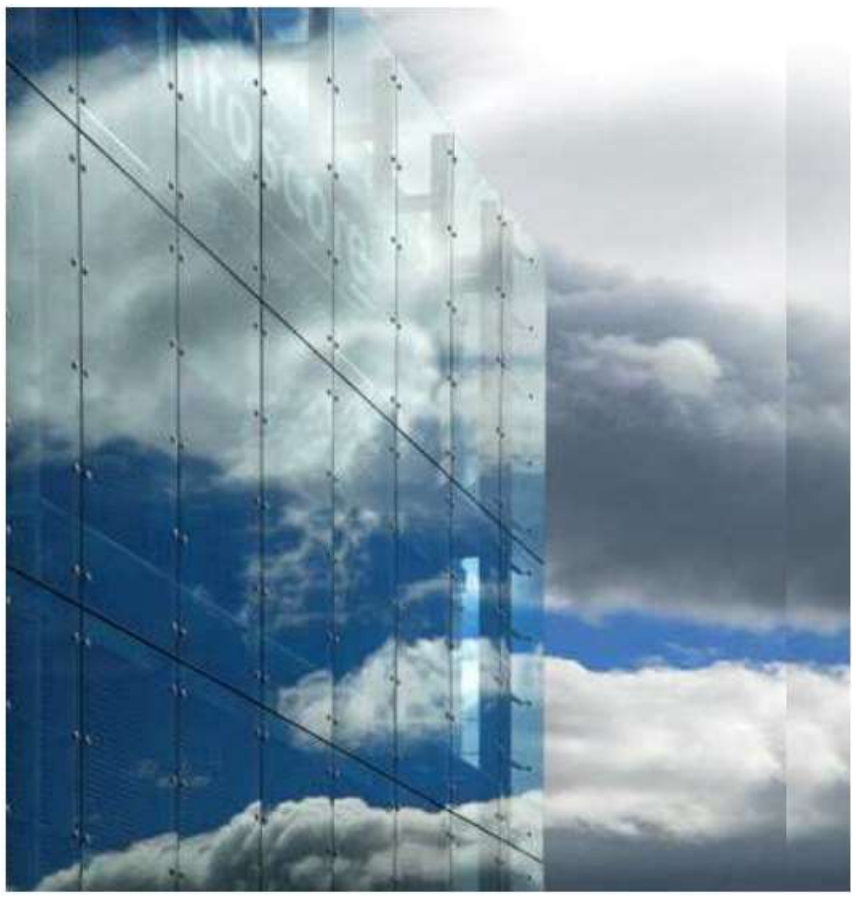
They are compatible with BIOCLEAN range. **Prevent any use of silicone sealant**. Never stock units close to silicone sources (<10m) or during same transport.

2. Glass to glass sealing: monolithic AND laminated glazing









2. Glass to glass sealing: monolithic AND laminated glazing

2.1. Glass to glass sealant for monolithic glazing:

The products mentioned in the table below are compatible with BIOCLEAN range at the indicated date of test. It is fully recommended to check with the supplier that the product hasn't been modified since that date. Saint-Gobain Glass is not responsible for any modification.

Glass / Glass sealing: Monolithic glass					
Important: To fix the gasket it is necessary to use a sealant-glue component.					
Family	**Supplier**	**Reference**	**Comment**	**Date tested**	**Internet**
Hybrid-Polymer	Henkel	Ceresit F158 Rubson 158	Sealant/glue used to fix the gasket. Can be used either on the outer or inner side of the glazing.	03/2006	www.teroson-bautechnik.de www.henkelbuildingsystems.co.uk
Hybrid-Polymer	Merz + Benteli	Merbenit UV27* black	Sealant/glue used to fix the gasket. Can be used either on the outer or inner side of the glazing.	08/2007	www.merz-benteli.ch
Dry Silicone	Saint-Gobain SIPRO	Siproslide	treated	08/2005	www.silicone.saint-gobain.com
MS Polymer	Soudal	SOUDASEAL 4 All Paint	Sealant/glue used to fix the gasket. SGG strongly recommend to have gasket on the outer side so that the sealant is protected from UV.	09/2011	www.soudal.com

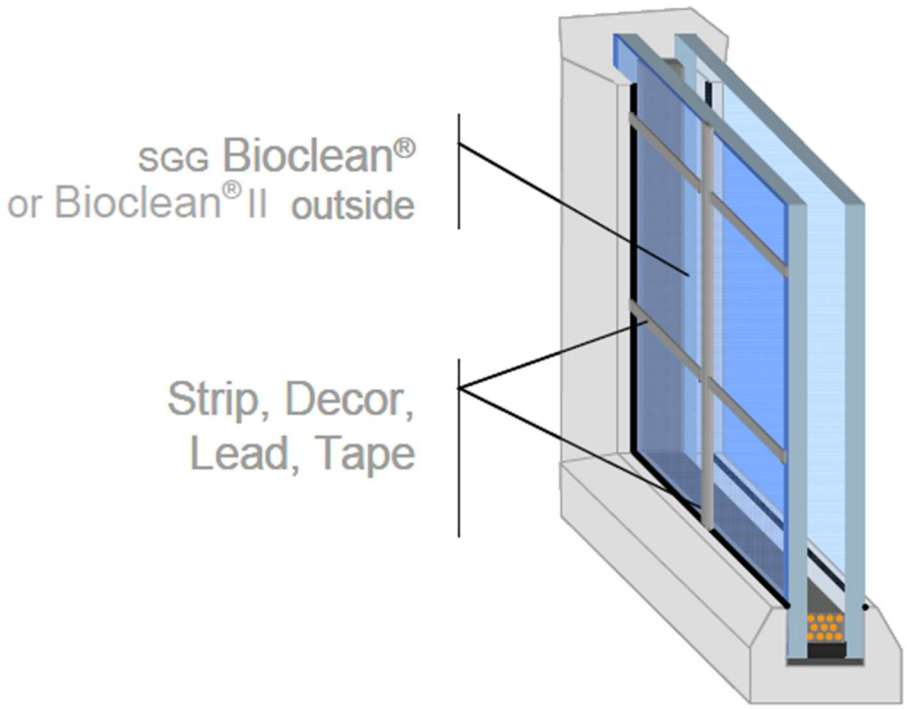
2. Glass to glass sealing: monoglazing AND laminated

2.2. Glass to glass sealant for laminated glazing:

The products mentioned in the table below are compatible with BIOCLEAN range at the indicated date of test. It is fully recommended to check with the supplier that the product hasn't been modified since that date. Saint-Gobain Glass is not responsible for any modification.

Glass / Glass sealing: Laminated glass					
Important: To fix the gasket it is necessary to use a sealant-glue component **compatible with the PVB interlayer**.					
Family	**Supplier**	**Reference**	**Comment**	**Date tested**	**Internet**
Hybrid-Polymer	Fenoplast Fügetechnik	Fenotherm black		04/2010	www.fenoplast.de
Hybrid-Polymer	Henkel	Ceresit F158 Rubson 158	Sealant/glue used to fix the gasket. Can be used either on the outer or inner side of the glazing.	03/2006	www.teroson-bautechnik.de www.henkelbuildingsystems.co.uk
Hybrid-Polymer	Merz & Benteli	Merbenit UV27* black	Sealant/glue used to fix the gasket. Can be used either on the outer or inner side of the glazing.	08/2007	www.merz-benteli.ch
dry silicone gasket	Saint-Gobain SIPRO	Siproslide	treated	08/2005	www.silicone.saint-gobain.com
Silikonprofil	Sika Engineering Silicones	Sikasil WS-680 SC		04/2010	www.sika.com

3. Strips, Décor, Leading, Tape…

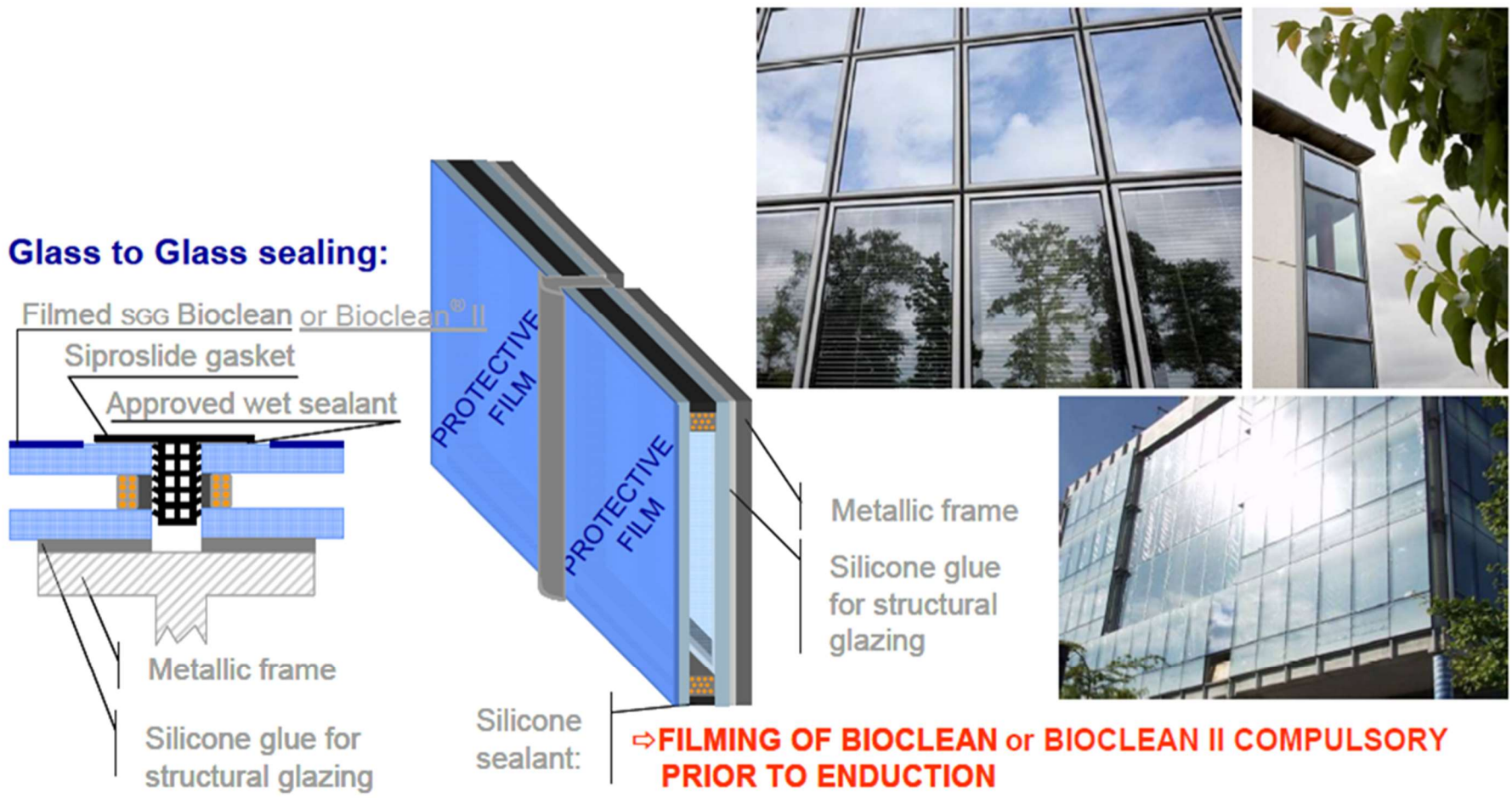


3. Strips, Décor, Leading, Tape…

The products mentioned in the table below are compatible with BIOCLEAN range the indicated date of test. It is fully recommended to check with the supplier that the product hasn't been modified since that date. Saint-Gobain Glass is not responsible for any modification.

Strips-Décor-Leading-Tapes / Glues and sealants for strips for Strips-Décor-Leading-Tapes					
Family	**Supplier**	**Reference**	**Comment**	**Date tested**	**Internet**
AcrylicTape	3M	4941	1,1 mm; grey adhesive	10/2003	www.mmm.com
AcrylicTape	3M	4905	0,5 mm; transparent adhesive	10/2003	www.mmm.com
AcrylicTape	3M	4910	1,0 mm; transparent adhesive	10/2003	www.mmm.com
MS-Polymer	Adshead Ratcliffe	Arboseal GZ	black	11/2003	www.arbo.co.uk
MS-Polymer	Adshead Ratcliffe	Arbomeric MP 10	brown	11/2003	www.arbo.co.uk
MS-Polymer	Adshead Ratcliffe	Arbosil 1070	grey	11/2003	www.arbo.co.uk
Tape	Henkel	TS-Alu Fixband	Sealing tape	09/2008	www.teroson-building.com
Tape	Illbrück	Illbruck ButylBand		2016	www.illbruck.com
Tape	Innotec	Moulding Tape		08/2006	www.innotec-industrie.nl
Tape	Innotec	Clear Mount Tape		08/2006	www.innotec-industrie.nl
Tape	Lohmann	Duplomont 9183	glue for strips	10/2003	www.lohmann-tapes.co.uk
Tape	Lohmann	Duplomont 918	glue for strips	10/2003	www.lohmann-tapes.co.uk
Tape	*Nuschei*	*Cellular rubber plate*		*06/2011*	*www.nuschei.at*
MS-Polymer	SIKA	Sikafast 5215	PU-Hybrid glue	11/2003	www.sika-industry.com
MS-Polymer	Soudal	Soudaseal 4 All Paint	MS-Polymer	01/2004	www.soudal.com
Tape	Tesa	Tesa 4316	tape	07/2010	www.tesa.com
Tape	Tesa	Tesa 4323	tape	07/2010	www.tesa.com
Tape	Tesa	Tesa 4438	tape	07/2010	www.tesa.com
Tape	Thermoseal	Lead-Tape		08/2006	www.thermosealgroup.com

4. Structural glazing / Protective films:



4. Structural glazing / Protective films:

4.1. Protective films

The products mentioned in the table below are compatible with BIOCLEAN range at the indicated date of test. It is fully recommended to check with the supplier that the product hasn't been modified since that date. Saint-Gobain Glass is not responsible for any modification.

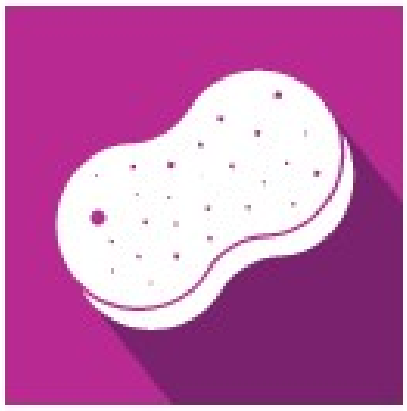
Protective film					
Family	**Supplier**	**Reference**	**Comment**	**Date tested**	**Internet**
PE-Film	Novacel	9342	ready to use	2018	www.novacel-forglass.com
PE-Film	Novacel	9343	ready to use	2018	www.novacel-forglass.com
PE-Film	Novacel	9561	ready to use	2018	www.novacel-forglass.com
PE-Film	STEP International	SK 65 165 A UV	ready to use	2018	http://www.step-international.com/
PE-Film	Poli-Film	3x3-304 CLV, transparent	ready to use	2006	www.poli-film.de
Liduid	*Hevadex*	*Omniguard 110*		*09/2011*	*www.glassrenew.co.uk*

4.2. Glass to glass sealant for structural glazing

The products mentioned in the table below are compatible with BIOCLEAN range at the indicated date of test. It is fully recommended to check with the supplier that the product hasn't been modified since that date. Saint-Gobain Glass is not responsible for any modification.

Glass / Glass sealing: Double Glazing Unit					
Important: **Silicone sealant for DGUs can not be used**. Take care to use a SIPROSLIDE gasket wide enough to cover totally the edge of the DGU.					
Family	**Supplier**	**Reference**	**Comment**	**Date tested**	**Internet**
Hybrid-Polymer	Merz + Benteli	Merbenit UV27 black	Sealing between gasket and SGG BIOCLEAN and BIOCLEAN II	08/2007	www.merz-benteli.ch
dry silicone gasket	Saint-Gobain SIPRO	Siproslide	treated	08/2005	www.silicone.saint-gobain.com
MS Polymer	Soudal	SOUDASEAL 4 All Paint	Sealing between gasket and SGG BIOCLEAN and BIOCLEAN II	01/2005	www.soudal.com

5. Cleaning Agents / Miscellaneous



5. Cleaning Agents / Miscellaneous

The products mentioned in the table below are compatible with BIOCLEAN range at the indicated date of test. It is fully recommended to check with the supplier that the product hasn't been modified since that date. Saint-Gobain Glass is not responsible for any modification.

Cleaning Agents:

All glass cleaners based on alcohol or ammoniac are suitable for the use with BIOCLEAN range. **Silicon based or abrasive (scrubbing) cleaners are not suitable**.

Family	Supplier	Reference	Comment	Date tested	Internet
Liquid		*Isopropanol*	*Please respect the safety instruction*	*04/2010*	
Liquid		*Ethanol*	*Please respect the safety instruction*	*04/2010*	
Liquid		*Acetone*	*Please respect the safety instruction*	*04/2010*	
Micro fiber	Aldi	Optiwisch Universal cloth	ready to use	2007	www.aldi.co.uk
Micro fiber	Aldi	Optiwisch Polish- & mirror cloth	ready to use	2007	www.aldi.co.uk
Spray	Aldi	Zekol Glasscleaner foam	ready to use	2007	www.aldi.co.uk
Liquid	Colgate-Palmolive	Ajax ruby red grapefruit	ready to use	2004	www.ajax.com
Liquid	Dow Corning	Silicon remover; not leaching	ready to use	2004	www.dowcorning.de
Liquid	Fenoplast	Fenosol S10	ready to use	2004	www.fenoplast.net
Liquid	*Fenoplast*	*Fenosol AL-Emulsion*		*06/2011*	*www.fenoplast.de*
Liquid	Harris	Mousse Suractive Insert	Glasscleaner for stoves	11/2008	www.harris.fr
Liquid	*Hevadex*	*Glass Renew Super*		*06/2011*	*www.glassrenew.co.uk*
Spray	Innotec	Seal & Bond Remover	ready to use	2006	www.innotec.de
Spray	Innotec	Multi Clean	ready to use	2006	www.innotec.de
Spray	Innotec	Foam Glass Cleaner	ready to use	2006	www.innotec.de
Spray	Innotec	Ultra Clean	ready to use	2006	www.innotec.de
Liquid	Jemako	Jemako Kalkex Plus		02/2016	www.jemako.com
Spray	JohnsonDiversey	Suma Rapid D6	ready to use	2006	www.johnsondiversey.com
Liquid	JohnsonDiversey	Taski Sprint 200 conc E1a	concentrated	2006	www.johnsondiversey.com
Spray	Kema	DL-44 Degreaser	Degreaser	09/2008	www.kema.dk

5. Cleaning Agents / Miscellaneous

Cleaner: (only for persistent contamination - not for continuous use suitably / please consider the safety guidelines)					
Only for persistent contamination - not for continuous use suitably / please consider the safety guidelines					
Family	**Supplier**	**Reference**	**Comment**	**Date tested**	**Internet**
Liquid	Lever Fabergé	CIF (VISS)	ready to use	2002	www.unilever.com
Liquid	Lidl	W5 glass-cleaner	ready to use	2006	www.lidl.co.uk
Spray	Lidl	W5 Glasscleaner Power-Foam	ready to use	2007	www.lidl.co.uk
Liquid	Liquid Dow Corning	Silicon remover; not leaching	ready to use	2004	www.dowcorning.de
Spray	Novatio Belgium N.V.	Safety Clean	Cleaner & Degreaser	09/2008	www.novatio.com
Liquid	Procter & Gamble	Fairy liquid	ready to use	2002	www.fairy-dish.com
Liquid	Resto Bouwspecialiteiten	Periodi Clean		06/2008	www.restobouw.be
Liquid	Resto Bouwspecialiteiten	Gloss & Protector		06/2008	www.restobouw.be
Spray	Riem	Insert Spray	Glasscleaner for stoves	09/2008	www.riem.be
Liquid	SC Johnson	Mr Muscle	ready to use	2002	www.scjohnson.co.uk
Spray	Soudal	Sealant Remover		06/2008	www.soudal.de
Sponge	Spontex	Spontex Glass sponge	ready to use	2004	www.mapa.de
Liquid	Tana Professional	Green Care No. 4	ready to use	2002	www.tana.de
Liquid	*Unelko*	*Clean-X Cream Cleanser CC350*		*06/2011*	*www.unelko.com*
Liquid	Windolene	Windolene cream	ready to use	2002	

5. Cleaning Agents / Miscellaneous

Miscellaneous:					
Family	**Supplier**	**Reference**	**Comment**	**Date tested**	**Internet**
2 component system	Chemische Baustoffe Gruber	Roypur 315	2-component-PU	06/2008	www.cb-gruber.at
Spray	Würth	Dichtstoffglättemittel		11/2008	www.wuerth.com
Cutting oil	*MKU-Chemie GmbH*	*Dionol GT 644*		*09/2011*	*www.mku-chemie.de*