

Product Compatibility Lists

This technical bulletin contains the results of compatibility testing between H.B. Fuller sealants and various insulating glass components and handling products where testing has been requested.

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Compatibility Test Method Notes

H.B. Fuller tests the compatibility of glazing components with insulating glass sealants utilizing internal test methods. The glazing components in question are placed in contact with the sealants of interest for two weeks at room temperature and 60°C (140°F). After the testing period, the glazing component is removed from the sealant and the sealant visually examined for surface softening, deposits, residues, or other irregularities. If some of the effects above are observed at either temperature, the glazing component is deemed incompatible and is not recommended for use in insulating glass units utilizing the H.B. Fuller sealant in question. If none of the effects above are observed, the system is deemed compatible. However, because it is unknown how much the glazing components may vary in their composition, there is no guarantee that problems will not occur in the future.

Glove Compatibility Testing

Compound Tested OK = No effects observed NR = Not recommended	HL5153 HL5180	PIB969NA
Banom Stikless Gloves	OK	
Best KPG 960M-9	OK	OK
Dexterity 4131	OK	
Dexterity PVC 513BPVC-9	OK	OK
Magid GPD487 'D-Roc' AeroDex Silicone Coated Glove	OK	
Magid GPD787	OK	
Showa 381	OK	OK
Showa 4550-08	OK	OK
Showa 962M (Fuzzy Duck)	OK	
Showa Atlas KV350	OK	
Tenactiv #STAFGNT	OK	OK
Tenactiv 4544	OK	
TraffiGlove TG3170	OK	OK
TraffiGlove Green	OK	

Setting Block Compatibility Testing

Compound Tested OK = No effects observed NR = Not recommended	HL5153 HL5180	PIB969NA
Frank Lowe Compound N-EUSAP Neoprene	OK	
Frank Lowe Compound R-POAYSM recycled rubber	OK	OK
Frank Lowe Neo-Green recycled thermoset rubber	OK	
Frank Lowe 2NB-8K-0.187 040-064	OK	
Orazen EPDM Setting Block (85 Durometer, Black, P/N 285000)	OK	NR
Proform 80 Duro D4P	OK	
Protac 29800 EAA	OK	
Protac 42600 1/32", white	OK	OK
Protac 59800GCA Black recycled EPDM	OK	NR
Secon Rubber & Plastic Setting Block	OK	
Smartblox 2.0	OK	OK
Tremco EPDM setting block #002-0090-EA4	OK	
Tremco Silicone setting block #002-0381-SC4	OK	

Glazing Sealant Compatibility Testing

Compound Tested OK = No effects observed NR = Not recommended	HL5153 HL5180	PIB969NA
Adbond 009	NR	
Adbond 1921 Adhesive Sealant	NR	
Adbond 1922 Solvent-Free Paintable Adhesive Sealant	NR	
Adbond 1943 HV	OK	
Adfast 1825 Adfoam Professional Foam – Gun Grade (-25°C)	OK	
Adfast 1875, 1875-2 Adfoam Insulating Polyurethane Foam	OK	
Adfast 1885-2 Adfoam Professional Foam – Gun Grade (- 5°C)	OK	
Adfast 452-02 Premium Quality Sealant Adhesive	OK	
Adfast Adseal 1092 Doors Windows and Moldings Paintable Siliconized Latex	NR	
Adfast Adseal 4605 Silicone	OK	
Adfast Adthane Premium Quality Sealant	NR	
Adseal 1942 Doors and Windows Paintable Sealant	OK	
Adseal 4502 Silicone (white)	OK	
Adseal 4523 Silicone Sealant	OK	
Adseal 4551 (ALK) Silicone Sealant	OK	
Adseal 4552 (ALK) Silicone Sealant	OK	
Adseal 4553 Premium Quality Sealant Adhesive	OK	
Adseal 4555 Silicone Sealant	OK	
Adseal 4573 Production Silicone	OK	
Adseal 4583 Adhesive Sealant	OK	
Adseal 458-47 Premium Quality Adhesive Sealant	OK	
Adseal 4585 Adhesive Sealant	OK	
Adseal 461/01 Silicone Sealant	OK	
Adseal 461/03 Silicone Sealant	OK	
Adseal 461/05 Silicone Sealant	OK	
Adseal 4942 Structural Sealant Adhesive	OK	
Adseal 4943 Structural Sealant	OK	
Adseal Construction Premium Sealant/Adhesive	OK	
Adsil 4801 Silicone Sealant (Clear)	NR	

Compound Tested OK = No effects observed NR = Not recommended	HL5153 HL5180	PIB969NA
ARBO Professional ARBOSIL LM Low Modulus Neutral Cure Si Sealant (Clear/White)	OK	
BASF MasterSeal NP1 High Performance Polyurethane Sealant	OK	OK
BASF Sonolastic Ultra 1-part Aliphatic Polyurethane Security Sealant	OK	
Bostik BondFlex Low Modulus Silicone Sealant	OK	
ChemLink MetaLink Silicone Metal Roof Sealant	OK	
CR Laurence 33S Silicone	NR	
CR Laurence Industrial and Construction RTV Silicone (Cat. No. RTV-408)	OK	
CSL High Performance, Neutral Cure Sealant	OK	
DAP Alex Plus Acrylic Latex Plus Silicone	OK	
DealSeal Silicone Sealant	OK	
Degussa Sonolastic NP1 Polyurethane Sealant	OK	
Dow Corning 1199 Silicone Glazing Sealant	OK	OK
Dow Corning 121 Structural Glazing Sealant	OK	
Dow Corning 786 Silicone Sealant	OK	
Dow Corning 791 Silicone	OK	
Dow Corning 795 Silicone Building Sealant	OK	
Dow Corning 9-1412 Sealant	OK	
Dow Corning 983	OK	
Dow Corning 995 Silicone Structural Sealant	OK	
Dow Corning 999-A Silicone Building and Glazing Sealant	NR	
Dow Corning Contractors Weatherproofing Sealant	OK	
Dow Corning Glazing Silicone Sealant	OK	
Dow Corning InstaGlaze II Sealant	OK	
Dow Corning InstaGlaze Sealant	OK	
Dow Corning P9 1350-A Glazing Sealant	OK	
GE Climaclear Sealant	OK	
GE RCS 20 Siliconized Acrylic Sealant	OK	
GE RCS 40.01 Acrylic Urethane Sealant	OK	

Compound Tested OK = No effects observed NR = Not recommended	HL5153 HL5180	PIB969NA
GE RGS 7701 Silicone Sealant	OK	
GE SCS-1000 Silicone Sealant	NR	
GE SCS-1200 Construction Silicone	NR	
GE SCS-1201 Construction Silicone	NR	
GE SCS-1800 Silicone Sealant	OK	
GE SCS-2811 Sealant	OK	
GE Sil Glaze II SCS 2800 Silicone Glazing Sealant	OK	
GE Sil Glaze II SCS 2801 Silicone Sealant	OK	
GE Silicone II	OK	
GE Silicone II Premium Waterproofing Silicone	OK	
Geocel 925 High Performance Joint Sealant	OK	
Greco Tech Gerico Silicone Glazing Sealant	OK	
Guertin GS 1053 HSC Back Bedding	OK	
H-O Products Corporation BGT Glazing Tape	OK	
ISR 70-07 Sprayable Sealant	OK	
Korapop 225 Silane terminated adhesive -- Gray	NR	
Korapop 240 Silane terminated adhesive -- White	NR	
Korapop 250 Silane terminated adhesive -- Black	NR	OK
LePage Quad Max Window Door & Siding Sealant	NR	NR
Lexcore Lexbond Silicone Sealant	OK	
Manus-Bond 75-AM One Part High Performance Elastomeric Adhesive/Sealant	OK	
Mulco Butyl Sealant (White and Black)	OK	
Mulco Flex Industrial Silicone Sealant (Translucent and White)	OK	
Mulco Flextra Silicone Sealant	OK	
Mulco Latex 9000	OK	
Mulco PVC Sealant (White and Clear)	OK	
Mulco Zip Seal n' Peel Vanilla Scented	NR	NR
Mulco Silicone Adhesive Sealant (Clear)	OK	
Mulco Silicone Universal Adhesive Sealant	OK	
Mulco Siliconized Acrylic Latex (Clear and White)	OK	
Mulco Supra Elite Hybrid Sealant	NR	
Mulco Supra Expert Sealant	NR	NR

Compound Tested OK = No effects observed NR = Not recommended	HL5153 HL5180	PIB969NA
Mulco Zip Seal'NPeel (Vanilla scent and D-limonene)	NR	
National Starch Purfect Glaze 34-342-A Polyurethane Sealant	OK	
National Starch Purfect Glaze 34-718-A Polyurethane Sealant	OK	
National Starch Purfect Glaze 34-880-A Polyurethane Sealant	OK	
National Starch Purfect Glaze 34-938-A Polyurethane Sealant	OK	
National Starch Purfect Glaze 82-4000	OK	
Novagard Novaflex M-100 Sealant	OK	
Novagard Novaflex M-101 Sealant	OK	
Novagard Novaflex M-150 Multi-Purpose Adhesive Sealant	OK	OK
Novagard Novaflex M-150 Sealant	OK	
Novagard Novaflex M-170 Sealant	OK	
Novagard Novaflex M-176 Sealant	OK	
Nuflex 302 General Purpose Silicone Sealant	NR	
Nuflex 309 Silicone Sealant	OK	
Nuflex 311 Silicone Sealant	OK	
Nuflex 319 Silicone Sealant	OK	
Nuflex 331 Silicone Sealant	OK	
PDT BC8-12 Acrylic Sealant	OK	
Pecora 896 High Performance Silicone	OK	
Pecora 896 HIS High Impact Silicone	OK	
Pecora AC-20 Acrylic Latex Caulk	OK	
Pecora AVW-920 Acrylic Sealant	OK	
PL Polyurethane Roofing Sealant	OK	
Premier Building Solutions GenX Next Generation Sealant Technology	OK	
PTI 707 Architectural Sealant	OK	
PTI 757 Butyl Sealant	OK	
Quanex Q-Glaze Neutral Cure Silicone	OK	
Rain Buster 900 Polycarbamate Sealant	OK	
Richelieu 9431911 Transparent	OK	
Richelieu 9431930 White/nuco 319	OK	
Schnee-Morehead 2100 Reactive Polymeric Sealant	OK	
Schnee-Morehead 5731 (M) Silicone Sealant	OK	
Schnee-Morehead 7100 Permthane Polyurethane Sealant	OK	

Compound Tested OK = No effects observed NR = Not recommended	HL5153 HL5180	PIB969NA
Schnee-Morehead 8200 Acrylic Latex	OK	
Schnee-Morehead Acryl R Seam Sealer	NR	
Schnee-Morehead SM-5555 Acrylic Sealant	OK	
Schnee-Morehead SM-8400 Acrylic Urethane Sealant	OK	
Schnee-Morehead SM-8500 Acryl-R Elastomeric Sealant	OK	
Selena Tylan All Purpose Silicone Sealant #0160	NR	
Selena Tylan Kitchen and Bath Silicone #0165 Sealant (Clear)	OK	
Selena Tylan WD20 #4736	NR	
Selena Tylan Window and Door Silicone # 0168	NR	
Sherwin-Williams Powerhouse Siliconized Acrylic Latex Sealant	OK	
AS-785 2k high performance industrial assembly adhesive/sealant	OK	OK
Sikaflex 15 LM Low Modulus Construction Sealant	NR	
Sikaflex 201T one-component, all purpose, textured polyurethane sealant	NR	
Sikaflex 201US Multi-purpose Polyurethane Sealant	OK	
Sikaflex Construction Sealant	OK	
Sikaflex-1a one part polyurethane, elastomeric sealant/adhesive	NR	NR
Sikaflex-255 FC	NR	
Sikaflex-291 Fast Cure Marine Adhesive/Sealant & Bedding Compound	NR	
Sikaflex-511	OK	
Sikaflex-552	NR	
SikaHyflex 150LM Low Modulus Hybrid Sealant	OK	
Sikasil SG-10 Fast Cure Neutral Silicone Assembly Adhesive	OK	
Sikasil SG-18 Structural Silicone Adhesive	OK	
SikaSil SG-500-CN 2K Structural Silicone Adhesive	OK	
Sikasil WS-295 High Performance Neutral Cure Weatherseal/Glazing Silicone Sealant	OK	
Sikasil WS-305cn Weatherproofing Sealant	OK	
SikaSil-N Plus Silicone Sealant	OK	
Sikatack 250	OK	
Simpson ISR 70-03 Elastic Adhesive/Sealant	OK	

Compound Tested OK = No effects observed NR = Not recommended	HL5153 HL5180	PIB969NA
Siroflex Sir-O-Sil 50 100% Silicone low modulus, neutral cure	OK	OK
Titebond Weathermaster Reactive Sealant	NR	
Titebond Weathermaster Ultimate MP Sealant	OK	
Touch'n Seal Gun Foam II Polyurethane Foam	OK	
Tremco 830 Sealant	OK	
Tremco Dymonic FC Sealant	NR	
Tremco Dymonic Polyurethane Sealant	OK	
Tremco General Purpose Butyl Sealant (Black)	NR	
Tremco Proglaze Silicone Sealant	NR	
Tremco Proglaze SSG Silicone sealant	OK	
Tremco Small Joint Sealant	NR	
Tremco Spectrem 1 Ultra Low Modulus Architectural Grade Silicone Sealant	OK	
Tremco Spectrem 2 Silicone Sealant	OK	
Tremco Spectrem 3 1 Part Low Modulus Non-Staining Silicone Sealant	OK	
Tremco Spectrem II Silicone	OK	
Tremco Tremflex 834 Siliconized Acrylic Latex Sealant	OK	
Tremco TremGlaze S300 Neutral Cure Backbedding Silicone (Discontinued)	OK	
Tremco TremGlaze S500 Window & Door Silicone	OK	
Tremco TremGlaze S600	OK	
Tremco TremGlaze S700 High Performance Impact Glazing Silicone	OK	
Tremco TremGlaze S900	OK	OK
Tremco TremGlaze U1600	NR	
Tremco Trempro Chem-X Pro Instant Grab Elastomeric Adhesive/Sealant	OK	OK
Tremco Tremsil 600 Medium Modulus Silicone Sealant	OK	
Tremco Vulchem 116 Polyurethane Sealant	OK	
TruSeal BOSS GS1 Silicone Sealant	OK	
Weather Shield Silicone 2031-198	OK	
Weather Shield Silicone Caulk	OK	
XtraBond 450 Silicone Sealant	OK	

Document History

Date	Version	Description of Changes	Changed by	Approved by
04/13/20	1.0	Initial draft of document	B. White	B. White
04/17/20	1.1	Updated table for formatting and duplicates	B. White	B. White
03/09/21	1.2	Added materials tested	K. Modert	B. Rhoades
03/17/21	1.3	Corrected errors in glazing sealant table	B. White	B. White

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