



CHEMICAL COMPATIBILITY OF REPRESENTATIVE BUILDING SEALANTS

DuPont™ Tyvek® Commercial Weatherization Systems Products

Commercial construction professionals will often question whether a sealant can come in contact with DuPont™ Tyvek® Building Envelope Solutions products, including building wraps, fluid applied membranes and self-adhered flashing. Building sealants can play an essential role in protecting the building envelope from air and water infiltration. The chemical compatibility of sealants and weatherization products is important to ensure the effective long term performance and durability of a wall assembly. When creating a sealant joint, both the chemical compatibility and the level of adhesive bonding between the sealant and the DuPont™ Tyvek® Building Envelope Solutions products must be considered in order to achieve the desired air and water seal.

In general, most sealants used in commercial construction are chemically compatible with DuPont™ Tyvek® air and water barrier membranes and DuPont™ Flashing products.

The tables below list representative examples of sealants that are chemically compatible with DuPont™ Tyvek® air and water barriers and DuPont flashing products, based on internal DuPont testing. Additional sealants may be suitable but were not tested by DuPont¹. It is recommended that field testing be conducted to determine the acceptability of a specific sealant for the intended use in the particular wall assembly design.

The sealant products listed in the table below were determined to have acceptable chemical compatibility¹ with DuPont™ Tyvek® Commercial Building Wraps and DuPont™ Self-Adhered Flashing products:

Silicone Sealants	Polyurethane Sealants	Hybrid Sealants	Synthetic Rubber & Butyl	Acrylic
Dow Corning® 1199	Bostik Chem-Calk® 900	3M 5200	Bostik Chem-Calk® 300	DuPont™ Residential Sealant
Dow Corning® 732	OSI VOC Quad® Advanced Formula	BASF Sonolastic®150MS	OSI® Pro-Series® Quad®	DAP® DynaFlex 230™
Dow Corning® 756	Permathane® SM7108	Bostik Chem-Calk® 2000	Sashco Lexel®	OSI® Pro-Series® PRO-STIK™
Dow Corning® 758	Sikaflex® 1a	Bostik PRO-MS50™	Tremco® 830	
Dow Corning® 790	Sonolastic® NP1™	Sikaflex® 511	Tremco® Butyl Sealant	
Dow Corning® 795	Tremco® Dymonic®	Tower Tech 3		
Dow Corning® 799	Tremco® Vulkem® 116			
GE SCS2000 SilPruf®				
Tremco® Spectrem 1				
Tremco® Spectrem 2				

The sealant products listed in the table below were determined to have acceptable chemical compatibility¹ with DuPont™ Tyvek® Fluid Applied System products:

Polyurethane Sealants	Silicone Sealants	Hybrid Sealants
Permathane® SM7108	Dow Corning® 790	DuPont™ Sealant for Tyvek® Fluid Applied System
Sonolastic® NP1™	Dow Corning® 795	BASF Sonolastic®150MS
Tremco® Dymonic®	Pecora 864	C.R. Laurence CRL M66
	Pecora 895	
	Tremco® Spectrem 1	
	Tremco® Spectrem 2	

For project specific questions and other sealants that may be compatible with DuPont™ Tyvek® Building Envelope Solutions products, please contact your local DuPont™ Tyvek® Specialist.

For more information about DuPont Weatherization Systems, please call 1-800-44-Tyvek or visit www.weatherization.tyvek.com

¹Testing was conducted by DuPont on products available in the market at the time, between 2004-2014, for DuPont™ Tyvek® Commercial Building Wraps and DuPont™ Self-Adhered Flashing products. Testing was conducted by DuPont Building Innovations on products available in the market at the time, between 2010-2014 for DuPont™ Tyvek® Fluid Applied Systems products. If you have additional questions about the chemical compatibility of DuPont™ Tyvek® Building Envelope Solutions products please contact your local DuPont™ Tyvek® Specialist.



The sealant compatibility information contained in this table is provided by DuPont as a general guide as to the compatibility of these sealants with DuPont™ Tyvek® Weather Barriers. This information is based on DuPont internal testing conducted on the dates indicated above. Please note that the composition of the sealants tested may have changed since the time DuPont conducted its tests. Ultimately it is the user's responsibility to determine the proper construction materials needed. Appropriate field testing by the user is recommended to assure that the chosen sealant is effective and provides satisfactory performance for the intended use. Please refer to the sealant manufacture for product specific information for their sealant. DuPont assumes no obligation or liability whatsoever in connection with the use of this information.

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