

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® Weatherization Systems products, including building wraps and 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® Weatherization System 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.

In the tables below, are 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 tested for chemical compatibility¹ with DuPont™ Tyvek® Commercial Building Wraps and DuPont™ Self-Adhered Flashing products:

Silicone Sealants	Polyurethane Sealants	Hybrid Sealants	Synthetic Rubber & Butyl	Acrylics
Dow Corning® 732	Bostik Chem-Calk® 900	Bostik Chem-Calk® 2000	Bostik Chem-Calk® 300	DAP® DynaFlex 230™
Dow Corning® 756 SMS	Sikaflex® 1a	Sikaflex® 721 UV	Tremco® Butyl Sealant	OSI® Pro-Series® PRO-STIK™
Dow Corning® 799	Sonolastic® NP1™	Sikaflex® 511	Sashco Lexel®	
Dow Corning® 1199	Tremco® Dymonic®	BASF Sonolastic®150MS	OSI® Pro-Series® Quad®	
GE SCS2000 SilPruf®	Tremco® Vulkem® 116	3M 5200	Tremco® 830	
		DuPont™ Residential Sealant		

The sealant products listed in the table below were tested for chemical compatibility¹ with DuPont™ Tyvek® Fluid Applied System products:

Polyurethane Sealants	Silicone Sealants	Hybrid Sealants
Sonolastic® NP1™	Dow Corning® 790	C.R. Laurence CRL M66
Tremco® Dymonic®	Dow Corning® 795	BASF Sonolastic®150MS
	Pecora 864	OSI® WINTeQ™ TeQ::Seal™
	Pecora 895	DuPont™ Sealant for Tyvek® Fluid Applied System
	Tremco® Spectrum 1	

¹Testing was conducted by DuPont Building Innovations on products available in the market at the time, between 2004-2009, 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 2010-2012 for DuPont™ Tyvek® Fluid Applied Systems products. If you have additional questions about the chemical compatibility of DuPont™ Weatherization products please contact your local DuPont™ Tyvek® Specialist.



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

**For more information on DuPont™ Tyvek®
Weatherization Systems,
please call 1-800-44-TYVEK or
visit www.construction.tyvek.com**

Disclaimer

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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