



WALLcontrol™ MODIFIED SILICONE (STPE) VP LIQUID FLASHING

Commercial Product Data Sheet

Siplast® WALLcontrol™ Modified Silicone (STPE) VP Liquid Flashing is a vapor permeable liquid-applied air barrier accessory for commercial wall systems. This liquid flashing is a single component silyl-terminated polyether (STPE) moisture cure technology. During application, the high solids formulation is resistant to wash-off when curing, has minimal dry film shrinkage, applicable by brush or trowel, and is suitable for low-temperature conditions.

USES:
WINDOW & DOOR FLASHING
SUBSTRATE JOINT TREATMENT
WALL TRANSITIONS & PENETRATIONS FLASHING

Certifications & Evaluations



Composition	Single component silyl-terminated polyether (STPE)
Packaging	20 oz sausage packs (12 count) 3 oz tipped sausages (24 count) 2 gallon pails
Coverage Rate (Estimated per 20 oz Sausage)	<p>Troweled at 60 mils thickness: 2 inch wide, 24 ft long 6 in wide, 8 ft long 8 in wide, 6 ft long</p> <p>Sealant dimensions: ¼ in x ¼ in joint, 48 ft long ¼ in x ½ in joint, 24 ft long ½ in x ½ in joint, 12 ft long</p> <p>Estimate values only, actual coverage depends on substrate conditions (temperature and moisture), substrate porosity, and uniformity of application.</p>

Energy Efficiency & Sustainability

As part of a designed building enclosure system, this product can contribute towards LEED "Optimize Energy Performance" and IEQ "Low Emitting Materials."

PRODUCT INFORMATION

Application and Features

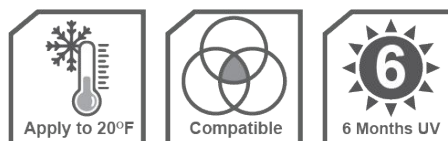
Refer to the Siplast Installation Guide for detailed application information of Siplast WALLcontrol Modified Silicone (STPE) VP Liquid Flashing.



Control Category



Features



Storage, Handling, and Packaging

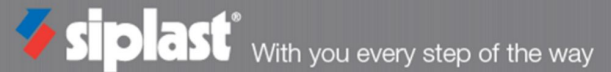
Siplast WALLcontrol Modified Silicone (STPE) VP Liquid products should be stored in a clean, dry environment, 40°F to 90°F (5°C to 32°C). Do not freeze. The shelf life is 12 months for an unopened container from the date of manufacture. Reference the "Use By" date printed on the container. Store opened containers with a plastic protective liner to slow cure rate. Do not double stack pallets. Dispose of unused product and containers in accordance with local, state and federal regulations.

3 oz cartons/pallet	20 oz cartons/pallet	2 gallon pails/pallet
96	72	80

Current copies of all Siplast Commercial Product Data Sheets & Safety Data Sheets are posted on our website at www.siplast.com
 Rev Date 03/2023

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Physical and Mechanical Properties



Property (as Manufactured)		Test Method	Min. Value	Typical Values
AIR CONTROL	Assembly Air Permeance (component)	ASTM E2357 CAN/ULC S742	< 0.004 cfm/sf	Pass Class A1
WATER CONTROL	Assembly Water Resistance	ASTM E331	No Leakage	Pass
	Water Penetration Resistance at Fasteners	AAMA 714 Section 5.2	No leakage	Pass
VAPOR CONTROL	Water Vapor Permeability at 40 mils	ASTM E96/E96M	Method A / B	9 / 20 US Perms
	Water Vapor Permeability at 60 mils	ASTM E96/E96M	Method A / B	6 / 13 US Perms
FIRE CONTROL	Assembly Flame Propagation	NFPA 285	Pass	Multiple Assemblies
PHYSICAL PROPERTIES	Skin over time (50% R.H. @70°F)	-	-	30-60 min.
	Adhesive Strength to Substates	ASTM C794	≥5 pli	27 pli Mortar 29 pli Plywood 25 pli CMU
	Ultraviolet (UV) Light Exposure	AAMA 714 Section 5.3	≥5 pli	18 pli Mortar
	Elevated Temperature 176°F (80°C)	AAMA 714 Section 5.4 - 7 days	≥5 pli	16 pli Mortar
	Thermal Cycling	AAMA 714 Section 5.5 - 10 days	≥5 pli	21 pli Mortar
	Low Temperature Crack Bridging Ability	ASTM C1305	No visible cracking	Pass @ 20 mils
	Water Immersion	AAMA 714 Section 5.7	≥5 pli	21 pli Aluminum

Data is based upon typical product performance and is subject to normal manufacturing and packaging tolerance and variation.

WARRANTY INFORMATION

Siplast WALLcontrol products are backed by a limited product warranty. Visit siplast.com to see current published sample warranties, contact your local Siplast Representative, or call toll-free at (800) 922-8800 for more information.