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, and has minimal dry film shrinkage.

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

Certifications & Evaluations

ICC-ES AC212 Compliant	AAMA 714 Evaluated	ASTM C920 Class 35

Composition	Single-component, silyl-terminated polyether (STPE)
Packaging	20 oz sausage packs (12 count) 3 oz tipped sausages (24 count)
Coverage Rate*	Troweled at 60 mils thickness: 2 inch wide, 24 ft long 6 in wide, 8 ft long 8 in wide, 6 ft long 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

*Per 20 oz sausage pack. Estimates only. Actual coverage depends on substrate conditions (temperature and moisture), substrate porosity, and uniformity of application.

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."
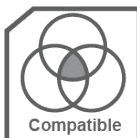
PRODUCT INFORMATION

Application and Features

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

Trowel	Brush

Control Category

Water Control	Air Control

Features

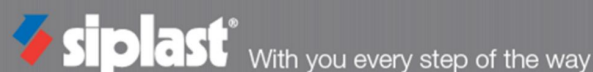| Apply to 20°F	Compatible	6 Months UV

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). The shelf life is 12 months for an unopened container from the date of manufacture. 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.

Boxes per Pallet:
3 oz tipped sausages : 96
20 oz sausage packs: 72

Current copies of all Siplast Commercial Product Data Sheets & Safety Data Sheets are posted on our website at www.siplast.com
Rev Date 5/2024

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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
	Dynamic Movement Capability	ASTM C719	-	+/- 35%
	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.

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