

SILICONE CAULK COLOR-MATCHED

PRODUCT CODE: CRCS + CRCL + CRCG

DESCRIPTION

Color Rite's Color Sil silicone caulk is available through VALTO for color-matched professional looking panel installations. Color Sil is a 100% RTV silicone (Room-Temperature-Vulcanizing silicone) caulk. It is a single component acetoxy silicone, mildew resistant when cured, non-corrosive silicone caulk that cures in the presence of atmospheric moisture to produce a durable and flexible caulk.

SHELF LIFE/STORAGE

When stored in it's original unopened cartridges at or below 70°F, Color Sil has a shelf life of 4-8 months depending on finish - from the date of manufacture. Color Sil is not designed to have a significant shelf life after opening.

FINISHES

Color Rite's silicone caulk is available in a sanded texture to complement VARIETEX sandstone panels, satin texture to complement DESIGNS and VARIETEX linen panels, or glossy texture to complement GLASBORD and VARIETEX beaded panels.

COVERAGE

Cover area is up to 55 linear feet per tube (10.3 fl.oz.) for filling seams with a 1/8" (3.2 mm) gap.



APPLICATION LIMITATIONS

Before application, it is important to wait a minimum of 6 hours (24 hours are recommended) after installing panels (based on room temperature at 72°F with humidity at 45% - 50%).

Due to the specialty custom nature of the Color Rite production process, color variance from lot to lot production will occur. Caulk will not be the exact same color from lot to lot. To ensure you have enough matching caulk for your job, please order 10% above your need.

DESIGN PROPERTIES					
PRODUCT CODE	FINISH	COLOR			
CRCS	Sanded	Cotton White 1130	Shelter Cove Gray 1281	South Beach Ivory 1282	Sand Dune 8043
		Sugarloaf Sand 1294	Morning Mist Gray 636	Almond Breeze 866	Mauna Red 1295
		Clear Water 1277	Graphite Vik 1276	Pepper Dust 8044	
CRCL	Linen (Satin)				
CRCG	Glossy	White 85	Pearl Gray 48	Silver 66	White Wash 488
		Colonial White 83	Ivory 84	Black 1201	Light Gray 636
		Beige 70	Stone 15	Cotton White 1130	Latte 889A

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUE	PROPERTY	TYPICAL VALUE
CURE SYSTEM	Acetoxy	TACK FREE TIME	20* min
PHYSICAL PROPERTIES (cured)	Rubber	TOOLING TIME	7-10 min
SPECIFIC GRAVITY	1.04	FULL CURE	24 hours
EXTRUSION RATE	370 g/min	SHORE A-HARDNESS	28 (sanded) 30 (linen)
TEMPERATURE RANGE	-62°F to 350°F	ELONGATION	500%
INTERMITTENT TEMPERATURE RANGE	400°F	ADHESION	15% - 100% CG 015P33B
SAG or SLUMP	Nil	DYNAMIC JOINT MOVEMENT	±25%
MODULUS	4 (high)	TEAR STRENGTH	25 ppi
TENSILE	1.8	PEEL STRENGTH	20 ppi
ULTIMATE TENSILE	310 psi	VOC CONTENT	29.86 g/l
SKIN OVER TIME	10* min	SERVICEABLE TEMPERATURE	-40°F to 400°F

* All properties retrieved from Color Rite lab conditions, 77°F at 50% humidity

INSTALLATION (USING COLOR RITE'S COLOR SIL CAULK AND PRE-TOOLING MIST)

- When using caulk and sealant, all panels must be installed prior to the seam treatment. Before caulk and sealant can be applied, installed panels need to be adhered for a minimum of 6 hours, but 24 hours is recommended when room temperature is at 72°F and 45%-50% humidity.
- Areas to be sealed should be thoroughly cleaned and dry. Remove all substances that inhibit silicone adhesion. Remove oils, soap, glue/adhesive debris, dust, loose caulk, and solvent residue or residual. Joint width or depth should not exceed ½". If joint depth exceeds ½" - backer rod is recommended.
- Cut cartridge tip just above threads.
- Thread nozzle onto cartridge
- Cut nozzle to desired bead size.
- Apply silicone caulk to desired area.
- Fill the 1/8" (3.2 mm) gap between the panels with caulk, making sure that the gap is completely filled. Push tube in the direction of travel.
- Lightly spray Pre-Tooling Mist from top to bottom cover about 1" in width on both sides of bead.
- Tool as desired immediately after application. Tooling should be done in a timely manner to avoid skin over. Silicone will skin over within approximately 5 minutes of air exposure. Dries to touch in 1 hour. Cures and bonds in 24 hours. Allow 7 days for maximum cure.

Pre-Tooling Mist prevents silicone from adhering to any surface. Be mindful not to spray any uncaulked area with Pre-Tooling Mist prior to silicone installation.

SEE OUR INSTALLATION VIDEO AT
valtoem.com/caulkinstall

At Valto, we partner with our customers, and through innovation, deliver advanced materials that enhance everyday environments. We succeed through a culture of collaboration, continuous improvement, and excellence. With integrity at our core, we challenge the status quo and pursue innovative approaches that benefit our customers and associates.

Since 1954, Valto Engineered Materials has provided innovative products and services and is a leading provider of FRP composite panels. Our lightweight composite products deliver unsurpassed strength and durability; and we continue to pioneer next level performance in building materials, recreational vehicles, and transportation.