



Stop Leak™ CC-646

Int/Ext Waterproofing Elastomeric Mastic

Description:

Stop Leak™ is a 100% elastomeric styrene / acrylic silicone modified mastic designed to permanently seal leaks and bridge cracks. A flexible mastic that will adhere to any surface and fill any type of cracks, large or small. Excellent for both interior and exterior use. Available in four colors.

Meets Requirements for:

MPI:	N/A
Green Performance 1:	N/A
Green Performance 2:	N/A
VOC Compliant (<10 g/L):	Yes
SCAQMD:	N/A
AIM & OTC:	N/A

Product Advantages:

- Spatula or knife grade
- Smooth finish
- To seal cracks and leaks
- 100% elastomeric and water resistant
- For use with or without fabric mesh
- UV resistant and non-yellowing
- Paintable with latex or alkyd paints
- Mildew and moisture resistant

Uses:

Stop Leak™ is designed to seal all types of cracks and leaks on any smooth surface. Used on walls and roofs, around pipes and penetrations in a building, around flashing and broken tiles. Excellent for fixing expansion joints and contained wall joints, sealing plumbing or electrical intakes. To use on metal, concrete, drywall and wood.

Technical Data:

Product Type:	Acrylic Resin
Finish:	Smooth
Solids (%):	74 ± 2% by weight 62 ± 2% by volume
Weight/Gallon:	11.97 ± 0.05 lbs. (5.43 ± 0.02 kg.)
Colors:	Green, Gray, Tile and red
Drying Time:	
To touch:	12 - 15 min.
To coat (latex paint):	2 - 4 hrs.
To coat (alkyd paint):	20 - 24 hrs.
Coverage:	
Theoretical:	Up to 994 ft. ² per gallon (92 m ² /gal) @ 1 mil
Recommended:	33 ft ² /gal (3m ² /gal) @ 30 mil dry
Sizes:	1 quart 10.1 oz. caulk tube 16 oz. 8 oz.
Thinning:	Is not recommended.
Flash Point:	Non-flammable
Viscosity:	300,000-325,000 cp
Percent Pigment by Weight:	45 ± 2%
VOC:	<1 g/L

Notice: The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.

F.D.S.: Available upon request.

Surface Preparation:

All surfaces must be dry, clean, sound and free of contaminants such as dirt, grease, chalk, mildew, oil, concrete curing agents, laitance, efflorescence, loose or badly cracked paint. Remove all contaminants by washing surfaces with an appropriate cleaner, sanding, scrapping and/or using a pressure washing machine.

Surface Application Recommendations:

Previously caulked surfaces: It is critical to remove old sealant as possible before applying new mastic, specially if it is cracked, eroded or pulled away from the joint or crack.

Concrete surfaces: Mortar plaster, stucco and concrete block must be cured and hard. Remove any surface contaminant, form release and curing agents or efflorescence, surface must have a safe pH level under 9 prior to the application. On new or existing concrete apply one coat of Lanco® Roof & Wall Primer Sealer AS-210 prior mastic application.

Previously painted surfaces: Old coatings that are partially removed or loose by blistering, rupture or scratching should be removed to provide a sound surface. Sand any glossy areas and dust clean, wipe away dirt, chalk. Prime properly prepared concrete, wood, plywood, composition materials and vinyl siding with an appropriate Lanco® primer.

Mildewed surfaces: This product contains agents to inhibit the mildew growth on the dried film itself. Any existing mildew on the surface must be completely killed and removed prior to the application. Rinse completely and let dry.

Method of Application:

Do not dilute, use as supplied. Do not apply when surface or air temperature is below 50 °F (10°C) or if rain is expected within 5 hours.

Shrinkage cracks: (less than 1/32" wide): Prime with Lanco® Acrylic Roof and Wall Primer / Sealer™ AS-210 and let dry. Apply Lanco® Stop Leak™ over crack and two inches to each side of it.

Cracks 1/32" or bigger: Any cracks bigger than 1/32" should be pouted out to 1/4" wide and 1/4" deep. Clean crack with water, and let dry. Prime with Lanco® Acrylic Wall and Roof Primer / Sealer™ AS-210 and let dry four hours. Fill joint completely and two inches to each side with Lanco® Stop Leak™ and let dry 24 hours.

Joints: Clean joints with water and let dry. Prime with Lanco® Acrylic Roof and Wall Primer / Sealer™ AS-210. And let dry. Fill them with backing rod and cover with Lanco® Stop Leak™ 11/16" over surface and two inches to each side of joint.

Cracks with reinforced mesh: Prime with Lanco® Acrylic Wall and Roof Primer / Sealer™ AS-210 and let dry four hours. Fill joint completely and two inches to each side with Lanco® Stop Leak™ to surface. Embed fiberglass fabric into the wet mastic using a soft knife or spatula using sufficient pressure to force mesh into wet mastic through the mesh openings and around fabric strands. Conform the fabric uniformly to the surface. Avoid over stretching, bridging or "fish-mouths" in fabric. Apply a final coat of liquid mastic over entire surface ensuring fabric mesh is not visible and let dry.

Thinning: Thinning is not recommended.

Precaution: Do not apply when air or surface temperature is below 50 °F (10 °C). Apply liberally, but do not overspread. Stop painting at least two hours before you expect dew to form or the temperature to fall below 50 °F (10 °C).

Additional Information:

Caution: Harmful if swallowed. Contains acrylic resin. In case of eye contact, flush thoroughly with water. Do not rub eyes. In case of skin contact, flush area immediately with clean water. If swallowed, do not induce vomiting. Consult a physician immediately. Use only with adequate ventilation. Adequate ventilation required when sanding or abrading the dried film. Always use (NIOSH/MSHA TC21C or equivalent.) Goggles are recommended while handling the product. This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Keep out of reach of children.

Warning! If you scrape, sand, or remove old paint, you may release lead dust. Lead is toxic. Exposure to lead dust can cause serious illness, such as brain damage, especially in children. Pregnant women should also avoid exposure. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. For chemical emergency call ChemTrec 1-800-424-9300. Protect from freezing.

