

Flowlok SIL750 Mastic

High Solids Silicone Liquid Coating

Flowlok Sil750 Mastic is an enhanced high solids silicone formula that can be used in conjunction with a variety of liquid coatings and a variety of roof membranes. It is designed to create a watertight liquid flashing for intricate roofing areas and details. With its low VOC's, the single-component, moisture-cure liquid flashing is environmentally friendly. This high performing high solids silicone is durable, reflective, and UV resistant and has excellent vertical hang and performs well under ponding water.

FEATURES AND BENEFITS

Flowlok Sil750 Mastic can be used over a variety of roofing substrates including modified bitumen, built-up roofing, metal, spray polyurethane foam, wood, concrete and a variety of single-ply systems. Its fast curing time helps the applicator save time. Flowlok SIL750 Mastic can be used in conjunction with the Flowlok SIL750. Also used for repairs of existing systems, roof repairs such as flashings, penetrations and seams.

TYPICAL USES

- Spot repairs
- Reinforce seams, flashings and penetrations
- Seal joint and penetration repairs for solar systems and air conditioning systems

COLOR

White and Aluminum

PACKAGING

3.5 Gallons Pail

STORAGE AND SHELF LIFE

Flowlok SIL750 Mastic has a shelf life of one (1) year from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 32-100°F (0-38°C). Keep containers closed and store in a dry, cool place elevated and away from direct sunlight, heat, sparks, open flame, and moisture.

COVERAGE

The first coat of Flowlok SIL750 Mastic should be applied at the rate of 1.5 gallon/100 square feet. The dry film thickness, exclusive of aggregate is 24 ± 2 mils per coat at rate of 1.5 gallon/100 sqft.

For metal roofs, fasteners coverage count per 3.5 gal pail is 1400 square feet. For seams, 3.5 gal pail @ 24 wft, 6" on center will cover 295 linear feet.

MIXING

Before application, mix Flowlok SIL750 Mastic using a mechanical mixer at slow speed. Mix it thoroughly until a homogeneous mixture and color are attained. Do not dilute under any circumstance.

TECHNICAL DATA (Based on Draw Down Film)

Physical Property	Test Method	Value
Hardness Shore A	ASTM D2240	45 - 55
Tensile Strength Die C (psi)	ASTM D412	300
Tear Strength (pli)	ASTM D6624	45
Elongation (%)	ASTM D412	200
Specific Gravity		1.31
Total Solids by Weight (%)	ASTM D2697	94 ± 2
Total Solids by Volume (%)	ASTM D2697	94 ± 2
Viscosity @ 75°F (24°C) (cps)	ASTM D2369-81	50,000
Volatile Organic Compound (VOC gms/liter)	ASTM D-2369-81	39.5
Recoat Window		24 hrs.

The information contained herein is for purposes of identifying the product and does not constitute a warranty that the product will conform to that description. Product specifications and performance will vary depending on application methodologies, raw materials and other factors.

APPLICATION

Prior to coating any surface with Flowlok SIL750 Mastic be sure the coating will adhere by performing an adhesion test (ASTM D903). Review all technical data sheets, system sheets, labels, instructions, SDS, and Guide Specifications before applying. Cure time will vary based on temperature and atmospheric conditions.

Flowlok SIL750 Mastic is applied by brush or trowel at thicknesses up to 0.25". Flowlok SIL750 Mastic should be applied directly from the container without thinning. Do not apply when temperatures are below 32°F (0°C) or when precipitation is in the forecast within 8 hours.

To avoid pin holes and blistering, Flowlok SIL750 Mastic should not be applied at a rate thicker than 24 wet mils in one application.

HEALTH AND SAFETY

Flowlok® is committed to the health and safety of our customers. Flowlok® products shall only be installed by certified contractors. Applicators are required to follow all proper handling, safety and installation procedures. Safety Data Sheets (SDS) are available on this material. Any individual who may come in contact with these products should read and understand the SDS. Avoid breathing of vapor.

SKIN CONTACT

To prevent excessive skin contact, we recommend use of neoprene or other resistant gloves. Skin contact with liquid components can result in a rash or other irritation. Wash the affected skin area with water. Wipe residual liquid from the skin with a clean cloth, then wipe the affected area with 30% solution of rubbing alcohol. Follow the alcohol wipe with repeated washings with soap and water. If a rash or other irritation develops, see a physician.

EYE CONTACT

Wear a full-face mask or OSHA-approved protective goggles. Eye Contact with liquid or sprayed components can result in corneal burns or abrasions. Upon exposure, eyes should be flushed with water for an extensive period. **SUMMON EMERGENCY TRAINED MEDICAL ATTENTION IMMEDIATELY.**

FLAMMABILITY

Flash point is 142°F (61°C). Avoid open flame or spark sources. Avoid excessive heat. Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors or other ignition sources at locations distant from the material-handling point. Never use a welding or cutting torch on or near the material. In case of fire, use CO₂, steam, dry chemicals or water fog.

TECHNICAL SERVICES

Additional information, product brochures, and guide specifications are available. Roof energy evaluations, life cycle cost analysis, and other roof management services are also available from a Flowlok® Technical Consultant.

LIMITED WARRANTY. We warrant our Products to be free of manufacturing defects and to comply with the Product's current published physical properties when tested under controlled conditions. Our sole responsibility is limited to replacement of that portion of any Products found to be defective at the time of manufacture. There are no other warranties of any nature whatsoever, whether expressed or implied, including an express disclaimer of any warranty of merchantability or fitness for a particular purpose. Further, we disclaim any liability for damages of any type, however caused, including remote, consequential damages, or special damages resulting from any theory of liability, whether based on tort, negligence, or strict liability. We disclaim responsibility for any claims of intellectual property infringement through use of our Products in any manner. No warranty or guarantee is issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, abnormal wear and tear, or improper application by the applicator. Damage caused by abuse, neglect, lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded. In all instances and as a pre-condition to any available remedy, we reserve the right to conduct sample testing and performance analysis on any materials claimed to be defective, performed prior to any repairs being made by owner, general contractor, or applicator. Our limited warranty is void if repairs have been made or attempted, or if the claimed defect has been adulterated prior to our ability to conduct a formal investigative analysis.

DISCLAIMER: Please read all information in the general guidelines, technical data sheets, application guide and safety data sheets (SDS) before applying material. Products are for professional use only and should only be applied by professionals who have prior experience with our Products or have undergone specific training in their proper application. Published technical data and instructions are subject to change without notice. Contact your local representative or visit our website for current technical data and instructions. All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of these tests are not guaranteed and are not to be construed as a warranty, either expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with any product. It is the user's responsibility to satisfy himself, by his own information and tests, to determine suitability of the Products for his own intended use, application and job situation and user assumes all risk and liability resulting from his own use of the Products. We do not suggest or guarantee that any hazards listed herein are the only ones that may exist. We are not liable to the purchaser, end-user, or any third party for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, our Products. Recommendations or statements, whether verbal or in writing, shall not be binding upon us unless in writing and signed by one of our authorized corporate officers. Technical and application information is provided for establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and we make no claim that these tests or any other tests, accurately represent all environments. We are not responsible for typographical errors. **All Rights Reserved. 2023**

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