

RoofGhard Mastic is a high-solids, heat-resistant, single-component water-borne acrylic elastomeric coating ideal for 3 coursing and can be used with reinforcing fabrics.

FEATURES & BENEFITS

- Exceptional adhesion
- Outstanding UV resistance
- Excellent low temperature flexibility & Elasticity
- High tensile strength
- Non-flammable; water clean-up
- Excellent dirt pickup resistance
- Excellent fungus & mildew

TYPICAL USES

- Can be used for spot repairs
- Seam, flashing, and penetration reinforcement
- Seal joint and penetration repairs for solar systems and air conditioning systems

DIRECTION OF USE

RoofGhard Mastic application should be completed a minimum of 4 hours prior to sunset. Temperatures must be above 55°F (12.78°C) (for 24 hours) and rising, but not above 110°F (43.33°C). DO NOT apply if heavy dew or rain is expected within 24-48 hours. Skins over in 4 hours and fully cures in 24-36 hours at 70°F (21.11°C) & 50% relative humidity. RoofGhard Mastic should be applied directly from the container without thinning.

STORAGE AND HANDLING

Keep containers closed, store in a dry, cool place away from heat, sparks, open flame, and moisture. Keep material stored at temperatures between 40°F and 80°F (4.44°C and 26.67°C). Open containers should be blanketed with dry nitrogen before resealing.

TECHNICAL DATA

Packaging	3.5 gallon
Coverage Rate per gallon	1 gal / 25 sq ft (3.79 l / 2.32 m ²)
Color	White, Light Gray
Shelf Life	8 year (unopened container)
Initial Tensile Strength	310±50 psi (2.14±0.34 MPa)
Initial Elongation	200 ± 25%
Dry Adhesion	3.5 pli
Wet Adhesion	2 pli
Tear Resistance	130 lbs/in
1000 hr Accelerated Weathering	No Cracking or Checking
Elongation After Accelerated Weathering	175 ± 25%
Low Temperature Flexibility (After Accelerated Weathering)	Pass
Flash Point	>212°F (100°C)
Permeance	47 perms
Water Swelling	8 %
Fungi Resistance (zero=No Growth)	Zero Rating
Impact Resistance	>160
Tension Set @ 100%	0%
Durometer Hardness: Shore A	65 - 75
Total Solids by Weight	66%
Total Solids by Volume	54 ± 2%

* This information is intended only as a guide for design purposes. The values shown are the average values obtained from sprayed laboratory samples. The test methods were performed per the ASTM Book of Standards. Higher or lower temperature & humidity conditions will affect dry time.

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.

SAFETY

Review the Safety Data Sheets (SDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

VAPOR INHALATION

The best form of protection against organic solvents or potentially sensitizing vapors in the workplace is a fresh air supply. Numerous manufacturers, including the 3M Company and MSA, make full face fresh air masks. For maximum protection, we recommend use of NIOSH/ MSHA approved self-contained breathing apparatus with a full-face piece operated in a positive pressure mode. In well-ventilated application conditions, the use of Type C organic vapor cartridge respirators is acceptable.

SKIN CONTACT

To prevent excessive skin contact with the sprayed product, we recommend use of fabric coveralls and neoprene or other resistant gloves.

EYE CONTACT

Wear a full-face mask or OSHA-approved protective goggles.

FIRST AID CONSIDERATION

Vapor inhalation problems are characterized by coughing, shortening of breath and tightness in the chest. Anyone exhibiting these types of symptoms should be immediately removed from the workplace and administered oxygen or fresh air. If the condition is prolonged or extreme, SUMMON EMERGENCY TRAINED MEDICAL ATTENTION IMMEDIATELY.

Effects of overexposure to vapor are characterized by nasal and respiratory irritation, dizziness, nausea, headache, fatigue, possible unconsciousness or even asphyxiation.

If ingested and the victim is conscious, give large amounts of water or milk to drink. Obtain medical attention immediately. 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 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.

Please read all information in the general guidelines, technical data sheets, application guide, and safety data sheets (SDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local GHEMCO representative or visit our website for current technical data and instructions. **DISCLAIMER:** 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 said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and tests, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazards listed herein are the only ones that may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether verbal or in writing, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and GHEMCO makes no claim that these tests or any other tests, accurately represent all environments.