

RoofGhard Clear Base is a transparent, water-based acrylic elastomeric coating. Non-volatile, highly adhesive, coating for almost any surface. Must be protected from the sun's UVs with RoofGhard Top Coat.

FEATURES & BENEFITS

For use as a self-priming protective basecoat coating or as a Primer for enhanced adhesion to existing surfaces.. When applied with Ghemco's, Polyester fabric, and Acrylic or Silicone top coat coatings, this product is recommended for all roofs. Other uses include exterior and below grade waterproofing. Ghemco products may be applied to BUR Asphalt, Tar & Gravel, Granulated Capsheet, Rolled Roofing, Metal, Concrete, Wood, Foam, EPDM, PVC and Stucco surfaces.

DIRECTION OF USE

Surface Preparation

Surfaces should be clean, dry, and free of dust, dirt and oily residues. Remove loose rust from metal, and wipe new galvanized metal with acidic acid solution prior to application. RoofGhard Clear Base is self-priming, no primer is needed. New concrete must be fully cured. New glazed asphalt and torch down single ply assemblies should wait 6 months or more before application.

Spray Application & Coverage Rates

Apply RoofGhard Clear Base @ 3 gallons/100 sq. ft., embed polyester fabric, then immediately apply RoofGhard Clear Base @ 2 gallons/100 sq. ft. over the polyester fabric. (total 5 gallons/100 sq.ft.) using a .035 spray tip. Allow 24-48 hours drying time. Hints: Don't spray on windy days! Use barricades around the job. Visqueen all skylights, etc. not to be coated. Be sure to have 1/2 a barrel of water to flush the pump & hose when finished. Be sure to have extra tips and TSL Throat Seal Liquid. Carefully pour a 1/4" layer of water over the drum of RoofGhard Clear Base to prevent skinning over.

Roller Application & Coverage Rates

Apply RoofGhard Clear Base @ 3 gallons/100 sq. ft., embed polyester fabric, then immediately apply RoofGhard Clear Base @ 2 gallons/100 sq. ft. over the polyester fabric. (total 5 gallons/100 sq.ft.). Allow 24-48 drying time. Overlap sidelaps and endlaps 3". Use a 9" semi-rough surface roller cover for application of the Base and polyester fabric.

DO NOT APPLY if rain or freezing weather is imminent within 24 hours following application, or during fog or drizzle. This product is water-based and could wash off if not fully cured. **KEEP AWAY FROM CHILDREN. DO NOT APPLY** when temperatures are consistently below 40°F. The Acrylic Base dries slowly when temperatures are below 55°F. Areas shaded from sunlight dry very slowly. 72 hours or more may be required for proper curing. **DO NOT** thin or add solvents. **PROTECT** materials from freezing & extreme heat. **CAUTION!** Wet acrylic is extremely slippery when stepped on. Always use a safety rope on sloped surfaces. **STIR** the RoofGhard Clear Base before any application!

STORAGE AND HANDLING

Clean Up

Clean tools and equipment with water. Cured material may be removed with amyl acetate, hand cleaner, or lacquer thinner. Do not use these materials (except hand cleaner) on bare skin. **THINNING:** Thin with water if necessary.

Storage & Precautions

Store in areas where temperature remains above 40°F. Prior to use agitate for 2-3 minutes by hand or machine. Reseal opened containers. If contents skin, remove skin, agitate, use immediately. If the product has been stored for a months (or years), remove any surface skin that may have developed, stir, and immediately use.

ZINC OXIDE Ghemco's RoofGhard Clear Base contains no zinc oxide. California Prop. 65 has identified zinc oxide as a hazardous material. No product manufactured by Ghemco contains zinc oxide. This has been verified by independent testing by ICC-ES and UL Laboratories, our quality control agency.

TECHNICAL DATA

Color	White dries clear
Tensile Strength	(10 mils) Strength: 276 psi (81 mils*) Strength at break: 3,540 psi 74°F ASTM D412
Tensile Elongation	(10 mils) Elongation: 434% ave(81 mils*) Strength at break: 1,914 psi , 0°F ASTM D412
Flash Point	No flash at 200°F (water-based). ASTM 1310, Tag Open Cup
Hardness	Shore A 41 ASTM D-676 (8 days cure + 4 hours 12°F)
Peel Adhesion	Concrete: 6.3 average lbs./linear inch ASTM C836
Permeability	(H2O Vapor Transmission) 0.016 Perms ASTM D1653 (63 mils dry film thickness)
Fire Resistance	Class A ASTM E-108 UL Standard 790 (1,400°F Flame & Wind Velocity 1,050 ft./minute)
Saybolt Furol	At 122°F is 265 Sec. AASHTOT 59
Demulsibility	No reaction AASHTOT 59
Weight	10.0 lbs./gallon
Solids Content	(by volume) 35.28%, 5.6 dry mils
VOC	3.3g/l

* 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.