

▶ **RoofGhard All4One**

ALL-IN-ONE COATING

Ghemco RoofGhard All4One is a multi-purpose, 100% acrylic, elastomeric coating for use over a variety of substrates including BUR, single-ply and metal roofing. RoofGhard All4One exceeds ASTM D6083 requirements for critical properties such as tensile strength, elongation, wet adhesion and weatherability. RoofGhard All4One is formulated as a maintenance coating to have excellent adhesion, ease of application, dirt pickup resistance, and low temperature flexibility.

**FEATURES &
BENEFITS**

- All-in-One Coating: Bleed Blocker, Primer, Base Coat, & Top Coat
- Seamless Waterproofing
- Fully-Adhered Installation
- 100% Acrylic Durability
- Energy Savings
- Prolonged Roof Life
- Reduced Life Cycle Costs
- Renewable
- Environmentally Friendly
- High Solar Reflectivity
- High Thermal Emittance

**DIRECTION
OF USE****Typical Uses**

RoofGhard All4One can be applied to aged Built-Up Roofing, aged Modified Bitumen, Metal, and Single Ply. RoofGhard All4One can be applied as a complete restoration system. All Ghemco products are to be used and applied with reference to and in conjunction with Ghemco Guidelines and Specifications.

Application

Surfaces to which RoofGhard All4One is to be applied must be free of water, grease, oils, dirt, debris, and other foreign materials.

RoofGhard All4One may be applied by brush or roller, and by airless spray equipment. Apply RoofGhard All4One at temperatures above 50°F (10°C). Apply only when weather conditions will permit drying before rain, dew, or freezing temperatures. Cool temperatures and high humidity may retard cure.

RoofGhard All4One must be mixed thoroughly prior to application to assure uniformity. All special colors should be mixed prior to application to assure uniform dispersion of the pigments.

Apply RoofGhard All4One at a MAXIMUM of 2 gallons per 100 square feet. Base and Intermediate coats shall be back rolled to provide uniform coverage. Back rolling of the finish coat shall be avoided unless the surfaces are unusually rough. If additional coating is required, apply in two or three coats. Please note, RoofGhard All4One should not be applied directly over new mineral cap-sheet and may require "bleed-blocking" primer as needed.

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DIRECTION OF USE

Application continued

RoofGhard All4One, when used as a protective membrane over metal, BUR, and single-ply should be applied to a minimum of 24 dry mils in two applications. Coarse or textured surfaces may require more coating to obtain the desired dry film thickness.

Storage and Handling

RoofGhard All4One has a shelf life of one (1) year from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 40-80°F (4.4-26°C). Keep containers closed and store in a dry, cool place away from direct sunlight, heat, sparks, open flame, and moisture.

SAFETY & PRECAUTIONS

Job Site Protection

Overspray from RoofGhard All4One can carry considerable distances and attention should be given to the following:

1. Post warning signs a minimum of 100 feet from the work area.
2. Cover all intake vents near the work area.
3. Minimize or exclude all personnel not directly involved with the spray application.
4. No welding, smoking or open flames.
5. Have CO2 or other dry chemical fire extinguisher available at the job site.
6. Provide adequate ventilation.

Vapor Inhalation

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

Skin Contact

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

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.

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TECHNICAL DATA

Permeance	35 perms
Initial Tensile Strength	235 psi
Initial Tensile Elongation	250%
Tear Resistance, Die C	97 lbs / in
Hardness, ASTM-2240	65 - 75 Shore A
Flexibility 1/8" Mandrel, Requirement: 14°F (-10°C)	Pass
Total Solids, by Weight	60% ± 2
Total Solids, by Volume	48% ± 2
Viscosity (KU)	118 cps
Water Swelling	8.4
Wet Adhesion	2.2 pli
Color	White, Grey, Tan. Please speak with Ghemco Representative for custom colors.
Packaging	5 gallon pail (18.9 liters) / 55 gallon drum (208.20 liters) / 250 gallon drum (946.35 liters)

* 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.

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.