

## ► RoofGhard Premier

### PRIMERLESS ADHESIVE ELASTOMERIC ROOF COATING

Ghemco RoofGhard Premier is a water-based elastomeric coating engineered from 100% Acrylic Copolymer technology. Formulated as a highly primerless adhesive roof coating to conform directly to the widest variety of existing roof surfaces for sustainable UV protection and weather-ability. RoofGhard Premier's seamless and monolithic barrier provides the utmost in protection for an underlying roof surface and assembly from continued deterioration caused by normal weathering, aging and UV exposure. This preserves and extends the life cycle of underlying roofs by restoring the elasticity, strength, durability, and weathering capabilities.

#### FEATURES & BENEFITS

- No primer needed for adhesion
- 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**

When applied over a properly prepared surface, RoofGhard Premier is recommended for application over these existing roof surfaces: Metal, Concrete, TPO, EPDM, PVC, Modified Bitumen, Hypalon, Tar & Gravel, Spray Polyurethane Foam, Wood, and Granulated Torchdown.

##### **Coverage**

1 gallon equals 16 wet mils per 100 square feet. See section "Direction of Use" for system requirements. Base and Intermediate Coats should be back rolled to provide uniform coverage. Back rolling of the finish coat should be avoided unless the surfaces are unusually rough. If additional coating is required, apply in two or three coats. RoofGhard Premier should not be applied directly over mineral cap sheet or to any surfaces where "bleed-blocking" resistance may be needed. In such situations, use RoofGhard ACBB Primer.

##### **Surface Preparation**

Surfaces should be clean, dry, free of dust, dirt and oily residues. Remove loose rust from metal, and wipe new galvanized metal with acidic acid solution prior to application. Primer is recommended for all surfaces. New concrete must be fully cured. New glazed asphalt and torch down single-ply assemblies should wait 6 months or more before application.

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## DIRECTION OF USE

### **Application**

RoofGhard Premier is primarily applied as the UV protected top coat for Ghemco Maintenance and Restoration coating systems. To be applied as a sustainable seamless monolithic waterproofing and UV reflective coating solution for existing commercial or residential flat & low-sloped roof systems. The Ghemco maintenance and restoration coating systems are robust sustainable restoration roofing solutions for any roofing professional, architect, consultant or property owner.

Apply 2 coats of RoofGhard Premier @ 1.5 gallons per roofing square per application (total 3 gallons/100 sq. ft.)

Note: Additional coats and reduced application rates could be required for high pitched roofs or more product could be required for longer term coating systems.

24 hours drying time is needed between coating applications or dry enough to walk on.

Note: Cold temperatures, condensation, moisture, and shade are all conditions that slow down product drying times and therefore such conditions require longer dry times.

DO NOT APPLY if rain is forecasted within 24 hours following application, or during fog or drizzle conditions as this is a water-based product and could wash-off if not fully cured.

DO NOT APPLY during freezing weather or temps consistently below 40°F.

DO NOT APPLY in hot temperatures to avoid blistering of the coating.

DO NOT THIN or add solvents.

PROTECT materials from freezing & extreme heat.

## SAFETY & PRECAUTIONS

### **Cleanup**

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.

### **Storage**

Product shelf life is 24 months from manufactured date in unopened condition, when stored properly. Recommended to be stored in an area that ranges between 40° - 90°F (4° -32°C). Stored in conditions outside these ranges could shorten product shelf life. Do not allow product to freeze.

### **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.

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## TECHNICAL DATA

<b>Color</b>	White
<b>Tensile Strength</b>	258 psi (initial) / 396 psi (after 1000 hours)
<b>Tensile Elongation</b>	214% (initial) / 138% (after 1000 hours)
<b>Tear Strength</b>	102 ibf/in
<b>Total Solids by Weight</b>	67%
<b>Total Solids by Volume</b>	53%
<b>Permeability</b>	14
<b>Water Swell, Weight % Gain</b>	9
<b>Viscosity</b>	27,400 cps
<b>Reflectivity</b>	87%
<b>Emissivity</b>	91%
<b>SRI</b>	106
<b>VOC</b>	<50 gm/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.