

## ▶ DuraGhard Supreme Over Coat II

### LIQUID APPLIED COATING

DuraGhard Supreme Over Coat II is a two component, fast setting, rapid curing and solvent free, high solids, hybrid aliphatic polyurea elastomeric membrane. DuraGhard Supreme Over Coat II can be applied to properly prepared interior or exterior concrete, plywood and metal surfaces. It is suitable for single or multiple applications, in temperatures as low as 20°F (-6.67 C) and is insensitive to moisture.

#### FEATURES & BENEFITS

- Non-Gassing
- Seamless
- Quick Cure
- High Solids
- High Tensile Strength
- Environmentally Safe
- Meets USDA Criteria

#### TYPICAL USES

- Vehicular Decks
- Pedestrian Decks
- Mechanical Room Floors
- Kennels

#### DIRECTION OF USE

##### **Coverage Rate**

The approximate coverage is 1 gallon/100 sqft (0.41 l/sqm) or 100 sqft/gallon. Coverage rate will depend on surface roughness and porosity.

##### **Mixing**

Before application, pre-mix Side-A of DuraGhard Supreme Over Coat II using a mechanical mixer at slow speed. Add Side-B of DuraGhard Supreme Over Coat II and continue mixing until a homogeneous mixture and color is attained. Use caution not to whip air into the material as this may result in pinhole blisters and/or shortened pot life. Do not mix in an up and down motion.

##### **Application**

Apply DuraGhard Supreme Over Coat II evenly, over the entire deck using a 10:1 ratio machine or mixed material, then squeegee or notched trowel over the entire deck. Requires a continuous coating application to minimize lines and/or streaking. Apply up to 1.5 gallons/100 sqft (5.67 l/sqm) or 23 mils in a single application. To attain proper adhesion between coats, it is imperative that re-coating be done within 8-12 hours.

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## DIRECTION OF USE

### **Curing**

At 75°F (24°C) and 50% relative humidity, allow each coat to cure a minimum of 2-4 hours. Cure time will vary depending on temperature and humidity. If more than 24 hours passes between coats, reprime the surface with Ghemco SPUR Primer before proceeding.

Allow a minimum 16 hours before permitting light pedestrian traffic and at least 60 hours before permitting heavy pedestrian or vehicular traffic on the finished surface. Cure time will vary depending on temperature and humidity.

DuraGhard Supreme Over Coat II is sensitive to heat and moisture. Higher temperatures and/or high humidity will accelerate the cure time. Use caution in batch sizes.

## SAFETY & PRECAUTIONS

### **Cleanup**

Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.

### **Storage**

DuraGhard Supreme Over Coat II has a shelf life of 1 year from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 60-95°F (15-35°C).

### **Limitations**

The following conditions must not be coated with Ghemco deck coatings or systems: split slabs, buried membrane, sandwich slabs with insulation, slabs over unvented metal pan, magnesite, and non-structural lightweight concrete. On grade slabs may receive Ghemco system coatings provided a moisture-vapor transmission test is first performed. Please contact Ghemco technical department with the results.

With regard to coating asphalt surfaces, please contact Ghemco technical department.

Surfaces must be dry, clean and free of foreign matter. Clear coating may turn opaque and cloudy due to moisture penetration, especially in exterior applications. Surface may be slippery when wet. Containers that have been opened must be used as soon as possible. Do not dilute under any circumstance.

### **Warning**

This product contains Isocyanates and Solvent.

DuraGhard Supreme Over Coat II Side-B is considered Dangerous Goods. DOT regulations classify it as: UN 1760, Corrosive Liquid, N.O.S. (Contains Amine), Class 8, PG III.

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## TECHNICAL DATA

<b>Color</b>	Dolphin Grey and Tan; custom colors available, contact your Ghemco Representative
<b>Packaging</b>	One 5 gallon (net 4 gallons, 15.4 liters) pail of Side-A and one 1/2 gallon (net 0.4 gallon, 1.54 liters) jar of Side-B.
<b>Coverage Rate</b>	1 gal/100 sq ft (0.41 l/sqm)
<b>Dry Film Thickness</b>	15 ± 2 mils (381 ± 50µ)
<b>Hardness</b>	85 ± 5 Shore A
<b>Adhesive Peel Strength on Primed Concrete, ASTM D-903</b>	40 ± 10 pli (7.0 ± 1.7 kN/m)
<b>Tensile Strength ASTM D-412</b>	3200 ± 200 psi (22.1 ± 1.4 MPa)
<b>Ultimate Elongation ASTM 412</b>	450 ± 50%
<b>Water Absorption, ASTM D-471</b>	1.3% by weight
<b>Total Solids by Weight</b>	94% ± 2%
<b>Total Solids by Volume</b>	94% ± 2%
<b>Moisture Vapor Transmission, ASTM E-96</b>	1.54 perms
<b>VOC</b>	<0.12 lb/gal (<15 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 with-out 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.