

## ► DuraGhard Base Coat II

Two-Component, Solvent Free Elastomeric Base Membrane

DuraGhard Base Coat II is a two component, fast setting, fast curing, solvent free, flexible, high performance, and high solids polyurethane elastomeric coating that can be applied to suitably prepared interior or exterior concrete, plywood and metal surfaces. Due to its fast gel time, DuraGhard Base Coat II is suitable for applications in temperatures as low as 20°F (-6°C). It may be applied in a single or multiple applications. DuraGhard Base Coat II is also relatively insensitive to moisture and temperature allowing applications in varied temperatures and humidity.

### FEATURES & BENEFITS

- Non-Gassing
- Can Be Applied At Any Thickness
- Meets USDA Criteria
- Recoatable
- Good Thermal Stability
- Excellent Low Temperature Flexibility
- Seamless
- Good Chemical Resistance
- Interior and Exterior Applications

### TYPICAL USES

- Vehicular Traffic Areas
- Expansion Joints
- Kennel Runs
- Exterior & Interior Pedestrian Traffic Surfaces such as Walkways, Patios and Stairways
- Interior Surfaces such as Floors and Mechanical Rooms
- Sundecks & Balconies
- Crack Repairs
- Stalls, Wash Racks

### DIRECTION OF USE

#### **Curing**

At 75°F (24°C) and 50% relative humidity, allow each coat to cure for 2-4 hours before proceeding subsequent coats. Cure time will vary depending on temperature and humidity. If more than 48 hours passes between coats, re-prime the surface with Polyprime U before proceeding.

#### **Surface Preparation**

Refer to general guidelines for complete information.

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## DIRECTION OF USE

### **Mixing**

NOTE: DuraGhard Base Coat II may not be diluted under any circumstances. Proportions are premeasured.

Using a mechanical mixer, first pre-mix separately Part-A and Part-B base material thoroughly to obtain a uniform color, making sure to scrape the solids from the bottom and sides of the pail.

Pour Part-B into Part-A slowly and while mixing, scrape the sides of the container. Mix for 1-2 minutes. Box the materials. Mix the combined Part-A and Part-B mixture thoroughly until uniform color is obtained.

Do not mix in an up and down motion.

DuraGhard Base Coat II should be applied at a temperature of 20°F (-6°C) and above. For best results, use a squeegee or notched trowel. A phenolic resin core roller may be used but extra l'd be taken not to trap air which may result in bubbles. Requires a continuous coating

## SAFETY & PRECAUTIONS

### **Storage**

DuraGhard Base Coat II has a shelf life of one (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 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.

### **Cleanup**

Equipment should be cleaned with an environmentally safe, polyurethane-grade solvent (alcohol free) as permitted under local regulations immediately after use.

### **Warning**

This product contains Isocyanates and Curative Material.

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## TECHNICAL DATA

<b>Coverage Rate</b>	1 gal/100 sqft / 0.41 l/sqm
<b>Tensile Strength</b>	500 ± 100psi / 3.44 ± 0.7MPa
<b>Tensile Elongation</b>	400 ± 50%
<b>Tear Resistance</b>	120 ± 20pli / 21.0 ± 4.4kN/m
<b>Hardness, ASTM D-2240</b>	55 ± 5 Shore A
<b>Specific Gravity</b>	1.30 ± 0.1cps
<b>Total Solids, by Weight</b>	97.2 ± 2%
<b>Total Solids, by Volume</b>	87.7%
<b>Viscosity at 75°F</b>	6500 ± 2000 cps
<b>VOC</b>	0.78 lb/gal / 94 gm/liters
<b>Dry Film Thickness, per Coat</b>	14 ± 1 mils / 102 ± 3 microns
<b>Color</b>	Grey, Tan
<b>Packaging</b>	5 gallon pail (18.9 liters) / 55 gallon drum, net 50 gallons (189 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.