

▶ DuraGhard Base Coat SF

DECKING PRODUCTS

Ghemco DuraGhard Base Coat SF is an enhanced, environmentally safe, solvent-free formulation. It provides a monolithic waterproofing membrane with strength and structure to a variety of surfaces and coating systems. DuraGhard Base Coat SF is an easily applied, single component, moisture cured, aromatic polyurethane. Granules may be added for a non-skid or profiled surface.

FEATURES & BENEFITS

- Solvent Free
- Moisture Cured
- Seamless Waterproofing Membrane

DIRECTION OF USE

Typical Uses

- Concrete
- Plywood
- Metal
- Wood
- Asphalt
- Masonry Surfaces
- Variety of Roof Systems

Mixing

Before application, mix DuraGhard Base Coat SF using a mechanical mixer at slow speed until a homogeneous mixture and color is attained. Use care not to allow the entrapment of air into the mixture. Do not mix in an up and down motion.

Application

For best results, use a squeegee or notched trowel. A phenolic resin core roller may be used, but extra care should be taken not to trap air which may result in bubbles.

Requires a continuous coating application to minimize lines and/or streaking.

For a non-skid surface, apply an aggregate of washed, dry, rounded sand, approximately 16 or 20 mesh (0.84-1.19mm), 6.5+ Moh's minimum hardness at a rate of 20 lbs/100 sqft (1 kg/sqm) or as required to achieve a slip-resistant finish, into the wet second coat, covering it completely. Broadcast sand until refusal and when the coating is dry, remove extra loose sand, preferably by vacuum.

Most applications require two coats. To achieve proper adhesion between coats, it is imperative that re-coating be done within 48 hours.

WARNING: This product contains Isocyanates.

► DuraGhard Base Coat SF

DECKING PRODUCTS

► The Brand
You can Trust!

DIRECTION OF USE

Curing

At 75°F (24°C) and 50% relative humidity, allow coating to cure 16 hours before proceeding to subsequent coats. Cure time will vary depending on temperature and humidity. If more than 48 hours passes between coats, re-prime the surface with Ghemco WMC Primer before proceeding.

If accelerated curing is required, add 1 quart (0.95 liter) of Ghemco Accelerator in a 5 gallon pail (18.9 liters) of DuraGhard Base Coat SF and mix thoroughly. The accelerated DuraGhard Base Coat SF will cure in 6-8 hours at 75°F (24°C) and 50% relative humidity. If Ghemco Accelerator is used, then re-coat should be done within 12 hours after cure. If re-coat window has passed, then solvent wipe the surface with VOC compliant solvent and re-prime surface with WMC Primer.

DuraGhard Base Coat SF is very sensitive to heat and moisture. Higher temperatures and/or high humidity will accelerate the cure time. Use caution in batch sizes and thickness of application. Low temperature and/or low humidity extend the cure time.

SAFETY & PRECAUTIONS

Cleanup

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

Storage

DuraGhard Base Coat SF 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

This product is not UV stable.

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 a Ghemco Representative with the results.

With regard to coating asphalt surfaces, please contact a Ghemco Representative.

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.

► DuraGhard Base Coat SF

DECKING PRODUCTS

► The Brand
You can Trust!

TECHNICAL DATA

Coverage Rate	1 gal/100 sqft / 0.41 l/sqm
Tensile Strength	400 ± 100psi / 2.7 ± 0.7MPa
Tensile Elongation	525 ± 75%
Tear Resistance	220 ± 25pli / 38.5 ± 4.4kN/m
Hardness, ASTM D-2240	50 ± 5 Shore A
Specific Gravity	1.34 ± 0.1
Total Solids, by Weight	99.99%
Total Solids, by Volume	99.99%
Viscosity at 75°F	6500 ± 2000 cps
VOC	<0.08 lb/gal / <10 gm/liters
Dry Film Thickness, per Coat	16 ± 2 mils / 406 ± 50 microns
Color	Grey, Tan (Custom colors available, please ask a Ghemco Representative)
Packaging	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.