

SolidGhard Base Coat is a single component, liquid applied, moisture cured, aromatic polyurethane elastomeric waterproofing base membrane. Make sure to use the correct grade of product which complies with VOC regulations/requirements applicable as per federal, state, statutory, counties, cities and local bodies at the place of installation.

### FEATURES & BENEFITS

- »» Economical
- »» Moisture Cured
- »» Seamless Waterproofing Membrane

### TYPICAL USES

- »» Concrete
- »» Plywood
- »» Metal
- »» Wood

### DIRECTION OF USE

#### **Mixing**

Before application, mix SolidGhard Base Coat using a mechanical mixer at slow speed. Mix SolidGhard Base Coat thoroughly 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. It is recommended to apply an aggregate of washed, dry, rounded sand, approximately 16 or 20 mesh (0.84-1.19 mm), 6.5+ Mohs minimum hardness at a rate of 20 lbs/100 sqft (1kg/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 one or two coats. Please reference gallons required in the desired system sheet. To obtain proper adhesion between coats, it is imperative that re-coating be done within 48 hours.

#### **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 SPUR Primer before proceeding. If accelerated curing is required, add one quart of SolidGhard Quick Cure Additive in a 5 gallon pail of SolidGhard Base Coat and mix thoroughly. This accelerated SolidGhard Base Coat will cure in 6-8 hours at 75°F (24°C) and 50% relative humidity. If SolidGhard Quick Cure Additive is used, then re-coat should be done within 12 hours after cure. If re-coat window is passed then solvent wipe the surface with VOC compliant solvent and re-prime surface with Ghemco SPUR Primer. SolidGhard Quick Cure Additive 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.

### STORAGE AND HANDLING

#### **Cleanup**

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

#### **Storage**

SolidGhard Base Coat 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 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.

**TECHNICAL DATA**

Color	Gray or Tan
Coverage Rate	1 gal/100 sqft 0.41 l/sqm
Dry Film Thickness per Coat	14 ± 1 mils 102 ± 3 microns
Hardness, ASTM D-2240	55 ± 5 Shore A
Tear Resistance, Die C, ASTM D-624	120 ± 20 pli 21.0 ± 4.4 kN/m
Tensile Strength, ASTM D-412	500 ± 100 psi 3.44 ± 0.7 MPa
Ultimate Elongation, ASTM D-412	400 ± 50%
Specific Gravity	1.30 ± 0.1 cps
Total Solids by Weight, ASTM D-2369	92.7 ± 2%
Total Solids by Volume, ASTM D-2697	87.7%
Viscosity at 75°F (24°C)	6500 ± 2000 cps
Volatile Organic Compounds, ASTM D-2369-81	0.78 lb/gal 94 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.