

RIBB Primer is a two component, liquid applied, water-based epoxy primer with unique penetrating characteristics and rust inhibiting properties.

### FEATURES

» Substrate penetrating » Rust Inhibitor » Low viscosity » Quick cure / re-coat time

### TYPICAL USES

» Wood » Masonry » Metal » Polymers » Polyurethane elastomeric surfaces

### DIRECTION OF USE

**MIXING:** RIBB Primer should not be diluted under any circumstance. The volume mixing ratio: 4 units Part-A yellow liquid to 1 Part-B off white liquid. RIBB Primer Part-A and Part-B should be thoroughly mixed prior to combining to ensure a homogeneous material. The combined components should be thoroughly blended using a mechanical mixer at slow speed for < 3 minutes or for at least 5 minutes if mixed by hand.

**APPLICATION:** Remove all contaminants, oil and grease from substrate. RIBB Primer should be applied at the rate of 1 gallon (3.78L) (mixture of part-A & part- B)/200 - 300 sq. ft. (18.58 - 27.87 m<sup>2</sup>) depending on substrate. It can be applied using an airless sprayer, brush, or phenolic resin core roller. Allow RIBB Primer to become tack free before applying the coating. Recommended surface temperature should be greater than 50°F (10°C). RIBB Primer is sensitive to heat and moisture. Higher temperatures will significantly accelerate the cure time and decrease pot life. Use caution in batch sizes and thickness of application. Low temperature and/or low humidity will extend the cure time.

**LIMITATIONS:** This information is meant to be used as a general guideline only. Consult the project specification and your Ghemco Representative for specific installation procedures. RIBB Primer is not UV stable and cannot withstand direct wear or abrasion. RIBB Primer is difficult to clean up after it has cured.

### TECHNICAL DATA

Packaging	<b>1 gal kit (3.79L)</b> <b>5 gal kit (18.93L)</b>
Color	Part-A Yellow Part-B Off White
Coverage Rate	1 gal / Average 250 sq ft (3.79L / 27.87 m <sup>2</sup> )
Shelf Life	1 year (unopened container)
Dry Film Thickness (1 gal / 300 sq ft)	3 ± 1 mils (76.2µ)
Mixing Ratio by Volume	4A : 1B
Pot Life @ 75°F, 50% R.H.	30 - 45 minutes
Specific Gravity / Part-A, Part-B	1.13 (A), 1.07 (B)
Total Solids by Weight, ASTM D-2369	45 ± 2%
Total Solids by Volume, ASTM D-2697	39 ± 2%
Viscosity at 75°F (24°C), Part-A & Part-B Combined	1,500 ± 300 cps
Volatile Organic Compound, ASTM D-2369-81	43 g / L, (0.36 lbs / gal)

\* 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.

## STORAGE

Keep containers closed and store in a dry, cool place away from direct sunlight, heat, sparks, open flame, and moisture. Keep material stored above 65°F (18°C). Open containers should be blanketed with dry nitrogen before resealing. Shelf life: 12 months.

## SAFETY

Review the Safety Data Sheet (SDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

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.