



5003 Rust Inhibiting Primer

CODE 909750 Exterior

Description

Weather Barrier 5003 is a blend of waterborne safe acrylic/urethane and rust inhibiting pigments. This unique corrosion resistant formula produces a tough and durable primer for all metal, abraded, sandblasted, slightly rusted or sound previously coated surfaces. It is non-toxic and contains no lead pigments. Waterborne safe for easy, safe and economical application and protection.

Technical Data

Type	Acrylic Urethane
Theoretical Coverage	664 sq ft per gallon per 1 dry mil
Recommended DFT per Coat	2.7 mils DFT
Recommended Coverage per Coat	250 sq ft per gallon
Weight per Gallon	10.9 ± 0.2 pounds
Viscosity	92 - 98 KU
Solids: by Volume	41.4 ± 1%
by Weight	55.1 ± 1%
VOC	1.4 lbs. per gallon
Flash Point	None
Colors	Gray
Packaging	Gallons, 5-Gallons, 55-Gallons

Features

Tenacious Adhesion: Bonds to most clean, dry, sound, slightly rusted or previously coated surfaces. This primer's low viscosity permits deep penetration into the anchor pattern.

Durable: A unique waterborne acrylic/aliphatic urethane formulation for tough weather resistant protection and corrosion resistance.

Waterborne: Easy, economical and safe application. Non-toxic, lead free, and meets all current and proposed Local and National VOC emissions regulations.

Fast Drying: Dries to touch in 20-30 minutes.

Application

Apply by brush, roll or airless spray. If rolling, apply the primer/sealer generously making sure to work the coating into all cracks and voids. Be sure to apply at the recommended spreading rate. The spreading rate can vary depending on substrate condition and porosity.

AIRLESS SPRAY: Apply using a piston pump having a flow rate of 3/4 GPM or higher, and able to deliver 2000 psi.

Tip Size: Can vary between .015 - .021". Recommended tip is #617

Airless hose: 1/4" I.D.

High Pressure Filters: 60 - 100 Mesh

Preparation

All substrates to be coated must be pressure washed clean, dry and sound. Loose, flaking or powdery rust, dirt, gravel and other surface contaminants not removed with power washing must be completely removed before priming.

Refer to the Weather Barrier Specification Guidelines for detailed instructions on how to prepare specific substrate types. Refer to section 1.09 of the Specification Guidelines for treatment of Seams, Fasteners and Flashing repair.

Weather Barrier, Inc.

194 Greenfield Road • Lancaster, PA17602 • 1-800-533-3002



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Clean Up

Clean up all tools and equipment, promptly, with warm soapy water. Flush spray equipment with paint thinner or mineral spirits to prevent rusting

Drying Time

At 77°F and 50% relative humidity:

To Touch: 20 - 30 minutes

To Recoat: 4 hours

This will vary depending on weather and application conditions.

Special Information

Do not allow to freeze. Do not store sealed container in prolonged sunlight. Do not apply when surface temperature is below 50°F or ambient temperature is above 90°F. Do not apply if ambient temperature will drop below 32°F or dew will settle before finish is dry. Do not apply if rain is predicted within 48 hours.

Right to Know & Safety

The label complies with all applicable Right to Know laws. For information on safety hazards associated with this product please refer to MSDS sheets.

Warranty

This product will perform as claimed if directions are followed. Since we cannot control conditions or methods of use, the warranty is limited to replacement or refund value of this product actually used. This warranty does not include labor or labor costs.



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