



BLUESTONE INC.

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(800) 639-4016 - Same phone number since 1984

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RUST CONVERTER PRIMER

TECHNICAL DATA SHEET

[Application: Brush, role or spray.](#)

PHYSICAL PROPERTIES

Salt spray resistance	300 hours as per ASTM B117, with a dry film thickness of 3 mils.
Accelerated weathering	500 hours as per ASTM E42, with various top coats.
Adhesion test	25 square cross hatch test; no loss in inter coat adhesion nor in overall adhesion to the rusty surface, after 300 hours of salt spray ASTM B117, and 500 hours of accelerated weathering ASTM E42 with top coats of solvent base epoxies, 2 component polyurethanes exterior alkyd enamels.
X-ray diffraction	Product changes rust from active to passive stage.
Metallography test	Product fills all open areas in the corrosion product, surrounds all loose portions, and produces an unbroken protective layer.
Flexibility	No cracking when bent over 2" mandrill through 180 °F.
Reducibility	With aliphatic solvent.
Solvent emission	Meets rule 66. Maximum 270 grams per liter.
Freeze thaw resistance	Can be applied to damp surfaces at 35°F.
Coverage	300-350 Square Feet per gallon, at 3 mils dry film.
Composition	Oleoresinous resin with chemically active ingredients.
Viscosity	86-92 KU.
Weight per gallon	10.5 LBS. minimum.
Total solids as per	59% minimum.

weight or paint	
Drying time to touch	6 hours maximum
Thorough dry	24 hours
To top coat**	16-48 hours
Solvent	Aliphatic
Flash point	100 °F +
Pigment	Does NOT contain lead, chrome or other toxic pigments
Corrosion deposits	After the salt spray test ASTM B117, and the accelerated weathering test ASTM E42, there can not be any evidence of corrosion.
Grind	5 minimum.
Drying time*	Drying time is at 77 °F and 50% humidity.
Top Coat**	When top coating with 2 component polyurethane or epoxy, (solvent base) allow Rust Converter Primer to dry for 48 hours prior to top coating.

Rust Converter Primer can be applied under or over any coating, listed below. These coatings meet various specifications. **Rust Converter Primer** is a universal base primer, allowing the changing of paint systems. **Rust Converter Primer** has superior adhesion and hold out against heavy solvent type coatings, solvent free epoxies, and elastomeric coatings. No sanding needed on the highest gloss surfaces to improve adhesion.

ALL SURFACE ENAMEL

SILICONE ALKYD ENAMEL

EPOXY ESTER ENAMEL

OIL MODIFIED POLYURETHANE ENAMEL

VINYL TOLUENE ACRYLIC ENAMEL

ALKYD BASE BRIDGE PAINT

ALUMINUM BRIDGE PAINT

PURE PHENALIC BASE SHIP DECK PAINT

SOLVENT BASE ACRYLIC ENAMEL

CHLORINATED RUBBER BASE PAINT

MOISTURE CURE CLEAR POLYURETHANE

HIGH BUILD SOLVENT BASE VINYL ENAMEL

NITRO CELLULOSE LACQUER
P.V.A. WATER BASE FLAT PAINT
WATER BASE ACRYLIC SEMI GLOSS ENAMEL
WATER BASE MARINE PAINT
WATER REDUCIBLE VINYL TOLUENE BUTADIENE BASE SWIMMING POOL PAINT
2 COMPONENT ORGANIC BASE ZINC PAINT
2 COMPONENT EPOXY POLYAMIDE ENAMEL
2 COMPONENT HIGH SOLIDS ALUMINUM EPOXY
2 COMPONENT EPOXY POLYESTER ENAMEL
2 COMPONENT COAL TAR EPOXY
2 COMPONENT ACRYLIC POLYURETHANE CLEAR COATING
2 COMPONENT ACRYLIC POLYURETHANE ENAMEL
2 COMPONENT WATER BASE EPOXY
2 COMPONENT SOLVENT FREE EPOXY
2 COMPONENT 100% SOLIDS ELASTOMERIC POLYURETHANE
FLURO ELASTOMER COATING