



SYSTEM THREE RESINS, INC.  
3500 W. VALLEY HWY. NO.  
AUBURN, WA 98001  
TECH SUPPORT 253-333-8118  
www.systemthree.com

## TECHNICAL DATA

### WR-155 Corrosion-Resistant Primer

#### DESCRIPTION:

WR-155 Primer is a high-solids, waterborne, two-part epoxy coating specifically formulated as a tough, easily-sandable base for System Three® LPU topcoat. WR-155 may be used over polyester or epoxy resin surfaces, and properly prepared wood, metal, and cementitious surfaces. It will provide performance equal to its solvent-borne counterparts, in corrosion protection, film-build, and sandability. In addition, it is non-flammable and contains no highly-hazardous(HAPS) solvents or heavy metals.

WR-155 can be applied by brush, roller, or spray. For spray application, HVLP equipment is recommended. WR-155 offers corrosion protection over aluminum or steel, but contains no heavy metals. When cured, it sands easily to a hard, smooth surface, to help give a high-performance topcoat, like WR-LPU, the best appearance.

#### PHYSICAL PROPERTIES:

**FINISH:** Satin

**COLORS:** Gray, Off-White

**SOLIDS:** 70 ± 2% (by weight)  
54 ± 2% (by volume)

**VOC (EPA METHOD 24):** 157 grams/liter(1.3 lb/gal.)

**MIX RATIO:** 4:1(by volume)

**POT LIFE:** 6 hours @ 70°F

**VISCOSITY(MIXED):** 90 KU @ 70°F

**COVERAGE:** 250 ft<sup>2</sup> - 350 ft<sup>2</sup> per gallon

#### APPLICATION PER COAT:

Wet film thickness: 3 -4 mils

Dry film thickness: 1½ - 2 mils

**REDUCER:** 50:50 isopropyl alcohol/water

#### DRY TIME(70°F)

RECOAT: 6 hr. minimum      CURE: 72 hr.

If cure time is exceeded before recoating, surface must be abraded first.

#### SURFACE PREPARATION:

All surfaces must be free of dust, grease, or oil, and in sound condition prior to applying primer. Do not use a tack rag to remove dust. They can contain wax or other materials that leave a residue on the surface that is incompatible with water.

#### WOOD & COMPOSITE:

Sand with 150 grit paper, then wipe with clean rags moistened with isopropyl alcohol or lacquer thinner.

#### ALUMINUM/STAINLESS STEEL

Wipe with clean rags moistened with isopropyl alcohol or lacquer thinner. Apply an aluminum pretreatment primer or solution. Rinse the metal thoroughly in water. Apply WR-155 within 3 hours.

#### MILD STEEL

Sandblast to white metal. (Grinding, filing, or sanding can be substituted although sandblasting is preferred). Wipe with clean rags moistened with isopropyl alcohol or lacquer thinner.

The information contained herein is based on the data available to us and is believed to be correct. However, System Three Resins, Inc. makes no warranty, expressed or implied, regarding the accuracy of these data or the results to be obtained from the use thereof. System Three assumes no responsibility for injury from the use of the product described herein.