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## 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.

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