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 fiberglass and carbon laminates, 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)

DENSITY: 11.5 lb/gal.

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 ft² - 350 ft² per gallon

APPLICATION PER COAT:

- Wet film thickness: 5 - 6 mils
- Dry film thickness: 1½ - 2 mils (after sanding)

REDUCER: 50:50 isopropyl alcohol/water

Thin as needed, up to 25%.

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.

NOTES:

Refer to the Application Guide for detailed instructions.

Refer to the product MSDS for complete safety and handling instructions.