



Certified Applicators
of Non Toxic No Dig
Restoration Systems

Warren Environmental, Inc.

Flooring Epoxy System Product Code 601-01

DESCRIPTION: A two part, highly thixotropic, epoxy system formulated specifically for roller application or for trowel-on applications.

CHARACTERISTICS: Formulated with special additives and modifiers to enhance the water resistance, chemical resistance, wear resistance, and bond strength to a variety of substrates as well as its own internal strength. The high thixotropic index allows for build-ups on vertical surfaces without sag.

APPLICATION: Designed to be applied to a clean surface free of standing water with a notched (toothed) trowel or via roller. This epoxy system utilizes a 2 parts base to 1 part activator mix ratio by volume. This product is sold and installed only by technicians specifically trained and licensed in our patented techniques.

ADVANTAGES:

- Long Working Time Relative to Cure Time
- Excellent Cure at Extremely Low Temperature
- Excellent Cure at High Humidity
- Zero Induction Time
- 0% VOC's
- 100% Solids
- Ready-to-Use (No Thinning Required)
- Excellent Water and Chemical resistance with ambient cure
- Achieve high-build thicknesses without sag
- Low Odor

SPECIAL SAFETY AND HANDLING: There are no special safety or handling procedures beyond those published on the reverse and the Material Safety Data Sheets.

Typical Properties

Liquid Properties (Systems)

| | |
|--------------------------|--------------------|
| Viscosity | 90,000-120,000 cps |
| Thixotropic Index | 5.0-7.0 |
| Specific Gravity | 1.22 |
| Flash Point (Closed Cup) | >235°F |
| Color | Varies |
| Geltime (500g@77°F) | 240 minutes |

Physical Properties (1/8" Casting)

| | |
|---|---------|
| Tensile Strength (ASTM D638-86) | 3,500 |
| Flexural Strength (ASTM D790-86) | 7,000 |
| Flexural Modulus @ 0.100" (ASTM D790-86) | 350,000 |
| Compressive Strength (ASTM D695-85) | 11,000 |
| Glass Transition Temperature (ASTM D3418-82) | 151°F |
| Tensile Elongation @ Break | 4.8% |
| Thin Film Set (@77°F) | 2 hours |
| Thin Film Set (@40 F) | 8 hours |
| Shore D Hardness | 83-85 |

Chemical Resistance (28 Day Immersion)

| Chemical | Weight Gain (%) |
|-----------------------|-----------------|
| Toluene | 0.99 |
| Ethanol | 4.68 |
| 10% Acetic Acid | 3.85 |
| 70% Sulfuric Acid | 0.13 |
| 50% Sodium Hydroxide | 0.09 |
| Distilled Water | 1.00 |
| Methanol | 9.55 |
| Xylene | 0.69 |
| Butyl Cellosolve | 1.04 |
| Methyl Ethyl Ketone | 11.2 |
| 10% Lactic Acid | 3.24 |
| Bleach | 0.93 |
| 1,1,1 Trichloroethane | 2.43 |
| 10% Nitric Acid | 3.25 |
| 30% Nitric Acid | 6.41 |

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All values reported above are typical values, and are reported as a means of reference. Individual testing should be done to determine actual results, tested at specific conditions.