

## TD.470 – TECHNICAL DATA: EC-1710™ Oil Tolerant Epoxy Primer

Revised: 10.14.11

**Product Name:** EC-1710™ Oil Tolerant Epoxy Primer

**Product Class:** A Solvent based epoxy primer for oil saturated concrete

**Description:** An oil tolerant primer engineered for sealing/priming oil saturated concrete (no standing oil). Not designed for use cooking oil (vegetable, olive, etc.) or synthetic oils. Resistant to many solvents and chemicals.

**Typical Uses:** Sealing and protecting new & old concrete floors and surfaces contaminated with petroleum based oils

### Key Features:

- Primer for petroleum oil contaminated substrates
- Low viscosity
- Fast cure rate
- Excellent strength properties
- Easy to apply

**Product Properties:** (Material and curing conditions at 77°F (24° C) unless noted, 50% R.H.)

- |                                    |              |                                   |
|------------------------------------|--------------|-----------------------------------|
| • Color – black only               | • Tack Free: | <u>Standard Cure</u><br>3-4 hours |
| • Viscosity @ 77°F (24° C)         | • RECOAT     | 6-8 HOURS                         |
| o Part A                   150 cps |              |                                   |
| o Part B                   150 cps |              |                                   |
| o Mixed                   150 cps  |              |                                   |

### PHYSICAL PROPERTIES

(@73°F (23° C), 7 day ambient cure)

|                          |                                |
|--------------------------|--------------------------------|
| SOLIDS BY VOLUME         | 70%                            |
| VOLATILE ORGANIC CONTENT | 395 g/l                        |
| COVERAGE                 | 250-325 SQUARE FEET PER GALLON |
| Pot Life @ 73 F (23 C)   | 1 hour                         |

### Mixing:

Mix ratio: 1 part A to 1 Part B by volume

Application: New Concrete: allow new concrete to cure 28 days minimum

All Concrete: Remove all laitance, grease and oils, and other weak material (steel shot blasting is recommended)

Oil saturated concrete: After shot blasting, steam clean with degreaser, rinse with cold water, repeat until no standing oil is visible on surface.

Mixing and application:

Mix Part A and Part B (1 part A to 1 Part B by volume). For best results apply with a 3/8" nap roller. Apply 50 mesh/sieve silica sand on primer for best results of bond to subsequent top coats. Allow primer to cure before applying top coats.

DOT classification:

Part A "FLAMMABLE LIQUID N.O.S.,3, UN1993 PGIII"

Part B "FLAMMABLE LIQUID N.O.S.,3, UN 1993, PG III"

Available Packaging:

- 2 gal. kit
- 10 gal. kit
- 100 gal kit

Suggested Storage:

- Store in a temperature and weather controlled area between 65° F and 85° F.
- Do not allow to freeze.
- Shelf Life - 1 year in original unopened containers.