

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

Revised: 1.27.16

**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.)

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|---|--|-----------------------------|
| <ul style="list-style-type: none"> <li>• Color – black only</li> <li>• Viscosity @ 77°F (24° C)                             <ul style="list-style-type: none"> <li>○ Part A 150 cps</li> <li>○ Part B 150 cps</li> <li>○ Mixed 150 cps</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• Tack Free: 3 to 4 hours</li> <li>• RECOAT 6 to 8 hours</li> </ul> | <p><u>Standard Cure</u></p> |
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**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 topcoats.

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.