

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

Revised: 12/27/19

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
- Viscosity @ 77°F (24° C)
 - Part A: 150 cps
 - Part B: 150 cps
 - Mixed: 150 cps

Standard Cure:

- Tack Free: 3 to 4 hours
- Recoat: 6 to 8 hours

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, 10-gal, and 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.