

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

Revised: 3/16/2023 Version: 1.3

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 with cooking oil (vegetable, olive, etc.) or fatty greases. EC-1710™ Oil Tolerant Epoxy Primer is resistant to many solvents and chemicals.

Typical Uses: Sealing and priming new and old concrete floors and surfaces contaminated with petroleum-based oils.

Key Features:

- 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.

Standard Cure

- Color: black
- Viscosity @ 77°F / 24° C
 - Part A: 150 cps
 - Part B: 150 cps
 - Mixed: 150 cps
- 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 sq. ft / 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.
- For best results apply with a 3/8" nap roller. Broadcast 50 mesh/sieve silica sand at 20% coverage into primer for improved adhesion of 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 and 10-gal

Suggested Storage:

- Store in a temperature and weather-controlled area between 65° F / 18° C and 85° F / 29° C.
- Do not allow to freeze.
- Shelf Life: 1 year in original unopened containers.