



Simco
We've Got You Covered

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SIMSEAL-310 **EPOXY CONCRETE SEALER CLEAR**

Description: A two component product, specifically formulated with an epoxy / polyamide resin to provide a water tight coating of low permeability for masonry and concrete surfaces.

Conformance: Conforms to military specification MIL-C-22750.

Principle Features:

- Resists weathering, abrasion and hydrostatic pressure.
- Resists dilute alkali, acids and mineral oils.
- Seals minor cracks in concrete and has good water proofing properties.

Technical Data

Drying Time:

To Touch:	2 hours
To Topcoat:	16 hours
To Full Cure:	7 days
Thinner:	R-300 epoxy thinner

Application Data:

- Steam clean old concrete floors to remove all dirt, grease, oil and other foreign matter.
- Allow it to dry overnight.
- New concrete must be cured at least 14 days and must be free of surface moisture.
- 4. Apply to clean concrete only. Do not use on concrete containing membranes or curing agents.

Generic Type:	Epoxy Polyamide
Finish:	Clear, Glossy
Non-Volatile by Weight (Mixed)	52 ± 1%
Volume SOLids (Mixed)	47.0 ± 1%
Volatile Organic Compound (VOC) Mixed	3.75 Lbs/Gal.
Flash Point	61° F
Mixing Ratios	(1:1) by volume
Pot Life @ 77° F:	3 hrs.
Weight/Gal. Mixed:	8.30 ± 0.1
Recommended DFT:	1.5 - 2.0 mils
Theoretical Coverage @ 2.0 Mil DFT:	Approx. 250 sq. ft.

Application:

Mix the resin component (part A) with the hardener component (part B) in equal proportions (by volume) thoroughly to form a homogenous clear solution. Do not change the mixing ratio. It is calculated at 1:1 or 1/2:1/2 by volume. Material once mixed should be used in 2-3 hours. Apply by a suitable roller, airless or conventional spray. Small areas may be brushed. Use R-300 epoxy thinner for a consistency adjustment if required. Provide thorough ventilation for proper curing of the sealer.

Safety Precautions:

- (A) Use normal precautions such as gloves, facemasks.
- (B) Adequate ventilation must be maintained.
- (C) Explosion proof lights & electrical equipment.
- (D) Non-Sparking shoes & tools for workers in area.
- (E) This product contains flammable materials. Forbid all flames, smoking and welding in work area.
- (F) Avoid breathing of vapor, contact with skin or eyes. If product comes in contact with skin or eyes, wash thoroughly with water and obtain medical attention.

Non-Warranty:

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