

EX-2C Concrete

Endura EX-2C Concrete Topcoat is a two component highly cross-linked, high performance polyurethane for coating concrete floors. EX-2C Concrete coating provides outstanding resistance to chemicals, solvents, abrasions and impacts, and will provide an attractive easy to clean surface.

Product Features

- ◆ Outstanding resistance to chemicals, abrasion & impact
- ◆ Excellent protection against acids and alkalis
- ◆ Available in solid colors
- ◆ Available in medium and low gloss
- ◆ Easy clean surface

Theoretical Solids Content:

Volume: 55%

Shelf Life*

Component A: (3) years
Component B: (1) year

*For unopened product.

Pot Life of Mixed Product:

10 Hours* @ 77°F (25°C) and 50% RH

* Less when Endura Super Catalyst II is used.

Pot life cannot be extended by adding thinner to product that is starting to gel.



Suitability

Endura EX-2C Concrete Topcoat is a high performance coating ideally suited for finishing concrete floors. It is extremely durable and abrasion resistant.



Surface Preparation

Ensure that the surface is free of flaws, nibs or imperfections. If large imperfections exist after primer coat use 120-150 grit sandpaper to remove them. Use a vacuum cleaner to remove all dust from the surface.



Mixing Ratio

EX-2C Concrete for Spray	EX-2C Concrete Rolling
1 part by volume of component A 1 part by volume of component B [FUB0100]	2 part by volume of component A 1 part by volume of Special component B [FUB0101]

The recommended temperature when mixed is 20-25°C (68-77°F).

Environmental Conditions

For optimum coating performance product, substrate and ambient temperature should be between 20°C-25°C* (68°F-77°F). To prevent condensation during application the surface temperature must be 3°C (5°F) or more above the dew point at all times.
*for use outside this range please contact your Endura representative.

Viscosity

22-23 seconds - Using a Ford 4 Cup (white)
Application viscosity is achieved with reduction, as required, using Endura EX-2C slo thinner



Application Method

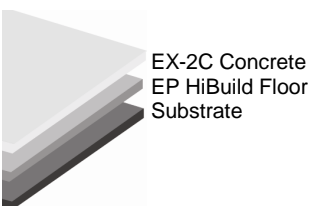
DO NOT apply when the surface is less then 3°C (5°F) above the dew point.

Pour 1 liter of mixed topcoat onto the floor and roll it out to the desired coverage (Between 50-100ft²)

Application Equipment

Use a short (1/8") pile roller. For areas over 1000ft² use a squeegee to spread out the urethane coatings then back roll with the short pile roller.

Please see the Epoxy/Urethane Concrete Coating system Application Guide for complete instructions.



EX-2C

Endura EX-2C Topcoat is a two component highly cross-linked, high performance polyurethane coating for protecting a wide range of surfaces. High gloss, color retention and outstanding resistance to chemicals, abrasion, and impacts, provide maximum protection and an impressive surface finish.

Product Features

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Recommended Film Build Thickness and Cover Rate

Endura EX-2C Concrete Topcoat has a recommended film build thickness 2.0 – 3.0 mils dry.

Theoretical coverage approximately 100-150 ft² per liter.



Drying Time*

24 Hours after application of the topcoat the floor may be walked on. Heavy traffic should be avoided for at least four days.

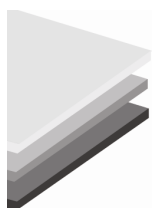
The coating will reach full cure after 14 days

	20°C (68°F)	30°C (86°F)	40°C (104°F)
Dust Free	2 Hours	1 Hour	30 Minutes
Full Cure	14 Days		

* Subject to ambient conditions (temperature and humidity) film build and good airflow. For improved scheduling please contact your Endura representative.

Specifications

Hardness	ASTM D3363	2H
Solvent resistance	ASTM D4752	100 MEK rubs; NO Failure
Abrasion resistance (1000 cycles CS-17)	ASTM D4060	32 mg loss
Impact resistance	ASTM D2794	40 in. lbs: NO failure
Flexibility	ASTM D522	1/8 mandrel bend; NO failure
VOC	For VOC amounts please refer to the product MSDS	



EX-2C Concrete
EP HiBuild Floor
Substrate



Clean Up

Endura high strength gun wash, Endura epoxy reducer or Endura EX-2C thinner.