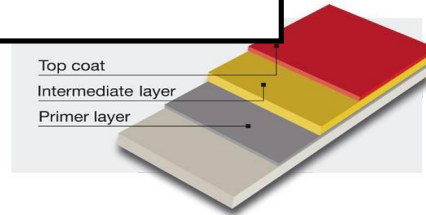




EPOXY FLOOR SYSTEMS



EPOXFLOOR 100

EPOXY SOLVENT FREE COATING

Epoxy coating for concrete.

Features

EPOXFLOOR EP 100 is a low viscosity epoxy coating system developed specifically for industrial applications. It is designed to provide optimum application and adhesion properties on properly prepared concrete substrates. EPOXFLOOR EP 100 has high tensile strength, impact resistance, excellent chemical resistance and scratch resistance. EPOXFLOOR EP 100 is mainly used for heavy duty industrial floors.

Advantages

- 100% Solids, **Zero VOCs**
- Low Viscosity.
- Formulated as a System with **NCI EPOXY FLOOR** Products.
- Provides high tensile strength and impact resistance.
- Applied by Brush, Spray or Roller.
- Excellent adhesion onto marginally pretreated concrete.
- Very good chemical resistance.

Applications.

Heavy duty factories.

Warehouses.

Parking decks.

Consumption: 250-600gr m².

Key data

EPOXFLOOR EP 100

Viscosity at 25°C (*Rotary viscosity, ISO 3219*), mPa.s (cP)

A
800-1100

B
600-1400

Recommended mix ratio by weight

100

50

Ratio by weight

2

1

Solids %

100

100

Initial mix viscosity @ 23 C, mPa.s (cP)

~ 1,000

Pot life @ 23 C, min

45

Gel time, TECAM, 250 g, @ 23 C, min

80

Film appearance, visual

Glossy, no blushing/exudation

Walk on Cure time @ 23 C, hrs

12

Typical data

	A	B
EPOXFLOOR EP 100		
Aspect (visual)	clear liquid	clear liquid
Color (Gardner, ISO 4630)	<2	<3
Vapor pressure at 20°C (balance), Pa	0.1	0.3
Density at 20°C (ISO 1675), g/cm ³	1.13	1.03
Flash point (Pensky Martens, ISO 2719), °C >	121	85

Preparation/Installation:

Concrete should be cured 28 days and be clean, structurally sound and of wax, dirt, loose paints, curing compounds and petrochemicals. Cracks, damage control joints and construction joints should be prepared prior to application. Concrete must be prepared by diamond grinding machine. Apply 200-400gr per m² in two layers and wait the primer to dry for 12 hours. Then apply 200-600gr EPOXFLOOR 100 coating system in two layers. Maximum recoat window with EPOXFLOOR 100 systems is 72 hours.

Packaging & Storage

EPOXFLOOR EP 100 is supplied in 15kgs kits. The product has a shelf life of one year when stored at room temperature in the original sealed container.

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