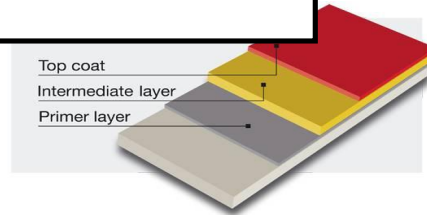




EPOXY FLOOR SYSTEMS



EPOXFLOOR SL

EPOXY SOLVENT FREE SELF-LEVELING SYSTEM

Epoxy self leveling system for heavy duty applications.

Features

EPOXFLOOR SL is a low viscosity epoxy self leveling system developed specifically for industrial applications. It is designed to provide optimum application and adhesion properties on properly prepared concrete substrates. EPOXFLOOR SL is a rigid epoxy floor system with high tensile strength, impact resistance, abrasion 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, abrasion resistance and impact resistance.
- Excellent adhesion onto marginally pretreated concrete.
- Very good mechanical and chemical resistance.

Applications.

Heavy duty factories.
Warehouses.
Parking decks.
Showrooms.
Supermarkets.

Key data

EPOXFLOOR SL

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)

~ 450

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

EPOXFLOOR SL

	A	B
Aspect (visual)	clear liquid	colored 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 mix EPOXFLOOR SL with sand at ratio by wait 1:1 and apply it to the prepared and primed surface.

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.

NCI CHEMICAL INDUSTRY LTD

8 Ipponaktos street, Nicosia,
Cyprus, 1016
Tel: 00357-22623303
Fax: 00357-22624265
info@ncipolyurea.com
www.ncipolyurea.com

