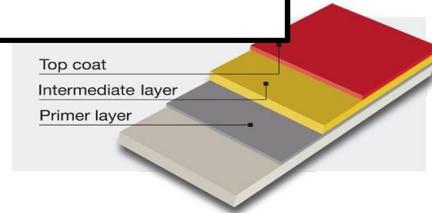




FLOOR SYSTEMS



EPOXFLOOR EP 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

- Solvent free / 0 VOC
- Low Viscosity.
- Provides high tensile strength, abrasion resistance and impact resistance.
- Excellent adhesion onto marginally pretreated concrete.
- Very good mechanical and chemical resistance.
- Easy application.

Typical Applications for EPOXFLOOR EP 100

- Car park decks.
- Heavy duty factories.
- Warehouses.
- Showrooms.
- Supermarkets.
- Hospitals

Colors: RAL 7001 / 7030 / 7032 / 7035 / 7038 / 7040 / 7045

For other colors please contact your local supplier

Packaging:

Part A: 24 Kgs pail

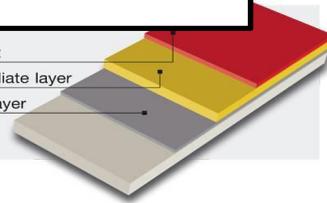
Part B: 6 Kgs pail

Part A+B: 30 Kgs



FLOOR SYSTEMS

Top coat
Intermediate layer
Primer layer



TECHNICAL DATA

Chemical base
EPOXY

Density:

Part A: 1.55 kg/ltr

Part B: 1.01 kg/ltr

Mixed A+B: 1.35 kg/ltr

Viscosity 23°C:

Part A: 2500mpas ISO 3219

Part B: 350 mpas ISO 3219

Part A+B: 1500 mpas ISO 3219

TECHNICAL DATA:

Shore D hardness, 0-10 sec

82 (+/- 3) DIN 53 505

Tensile strength

60 N/mm² DIN EN ISO 527

Elongation at break,

>3% DIN EN ISO 527

Compressive strength Resin A+B,

>65 N/mm² DIN EN ISO 178

Flexural Strength

>63 N/mm² DIN EN ISO 178

Pull off Test

>4 N/mm² EN 13892-8

Wear resistance

<10µm EN 13892-4

Application Contitions:

Application temperature: 10 - 35°C

Surface temperature: 10 - 35°C

Relative air humidity: <80%

Dew Point: Surface temperature to be at least 3°C above DEW POINT.

Surface moisture content: <4%

POT LIFE:

+20°C – 35 minutes

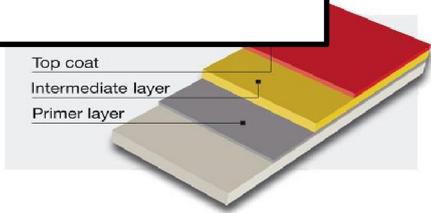
+30°C – 20 minutes

Storage

The product has a shelf life of one year when stored at room temperature in the original sealed container.



FLOOR SYSTEMS



EPOXFLOOR EP 100

NCI CHEMICAL INDUSTRY LTD

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CE		
NCI Chemicals Ltd Ergates Industrial Estate Plant 01 EN 13813:2002		
13		
EN 13813 SR-B2,0-AR1-IR 4		
Concrete coating /smoothing and broadcast floor system as Product Data Sheet.		
Characteristics	Performance	Test Standard
Release of corrosive substance (Synthetic Resin Screet)	SR	EN 13813
Bond Strength:	>B2,0	EN 13892-8
Abrasion Resistance:	<AR1	EN 13892-4
Chemical Resistance:	NPD	EN13529
Impact Resistance:	>IR4	EN ISO 6272
Reaction to Fire:	Efl	EN 13501-1
Sound insulation:	NPD	EN ISO 140-1