



**EPOXY FLOOR SYSTEMS**

**EPOXFLOOR SE100**

EPOXY SOLVENT FREE COATING SYSTEM

**Features**

EPOXFLOOR SE100 epoxy coating system developed specifically for industrial applications. It is designed to provide optimum application and adhesion properties on properly prepared concrete substrates. EPOXFLOOR SE100 has high tensile strength, impact resistance, excellent chemical resistance and scratch resistance. EPOXFLOOR SE100 is mainly used for heavy duty industrial floors.



**Advantages**

- 100% Solids, **Zero VOCs**
- 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.

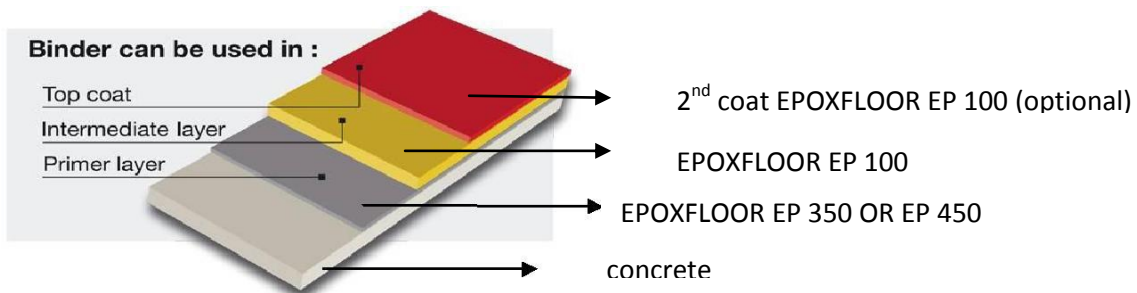
**Applications.**

Heavy duty factories.  
Warehouses.  
Parking decks.

**TECHNICAL DATA**

1. Shore D hardness, 0-10 sec	84	ASTM D-2240
2. Tensile strength, psi (MPa)	9,500	(65)
3. Elongation at break, %	3.2	
4. Flexural strength, psi (Mpa)	17,600(121)	DIN1164
5. Compressive strength psi, at failure (Mpa)	12,100(83.4)	DIN1164
6. Pull Off Test		Concrete Failure ASTM D4541
7. Taber abrasion (CS17wheels,1Kg loading)	94mg/1000cycles	ASTM D4060
8. Taber abrasion (CS10wheels,1Kg loading)	72mg/1000cycles	ASTM D4060

**EPOXFLOOR EP 100**



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 EPOXFLOOR EP 350 150-400gr per m2 and wait the primer to dry for 12 hours. Then apply EPOXFLOOR EP 100 200-250gr per m2 in one or two layers.

The system can be used for heavy duty traffic after 72 hours.

Finally cure time to accepted chemicals 7 days. Check chemical resistance table

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