

# ALEXPRIME EP



## Multi Component, Solvent Free & Chemical Resistance Epoxy Primer for Concrete Floor

### Description

**Alex prime (EP)** is two component, Solvent free and chemical resistance epoxy primer for concrete floor. It is designed to Impart a tile like gloss finish on virtually any Building surfaces, **Alex prime (EP)** is applied to produce a smooth finish with excellent penetration on porous substrate.

### Uses

**Alex prime (EP)** has good wear and abrasion Resistance and is suitable for use in many Industrial applications. it is used extensively in Following industries:-

- To provide a bonding epoxy to concrete and steel in areas such as:-
  - ware house for installations with a medium Frequency and volume of traffic.
  - Laboratory areas.
  - Car production facilities areas.
  - Laundries floors
  - Food processing areas, kitchen
  - Petroleum refineries, factory
- To provide impermeable protection against Lubricants, aviation fuels or oils.
- To provide a chemical resistant surfaces.
- To provide hard wearing resistant surfaces.
- Used as a primer for:-
  - Epoxy painting system
  - Epoxy screed system
  - Epoxy self leveling system

### Advantages

- Excellent penetration on porous surfaces.
- High adhesion for both concrete and steel.
- Good general chemical resistance
- Solvent free odorless.
- Good wear and abrasion resistance
- High coverage, economical
- Easily applied
- Smooth high gloss finish for hygienic application

### Packing

**Alex prime (EP)** is supplied as 5 kg two-component pack.

### Colors

It is available in clear colour.

### Properties

<b>Pot Life</b>	40 minutes	20°C.
	15 minutes	30°C
<b>Specific gravity</b>	1.3	20°C.
<b>Dry film thick</b>	100 micron	
<b>Solid content</b>	77%	
<b>Full cure</b>	7 days	20 °C
	4 day	30 °C
<b>Bond strength</b>	3 N/mm2 depend on the quality of concrete	

### **Surface preparation**

Remove all loose particle oil, grease, or any defective concrete. The surface is to be laid must be flat and roughened. Surface to receive primer should be dry. Specialist finishes should not be applied to concrete, which contain more than 5% Moisture by mass.

### **Guide to application**

#### **Mixing:**

Mix using a drill and spiral mixing head until all striations has disappeared and a uniform Color is obtained for 2-3 min. Mix one pack by one.

#### **Application:**

Apply the mixed material to the prepared Substrate using a brush or roller or spray (Airless with pressure ratio 1: 40).

#### **Coverage:**

7.7 m<sup>2</sup> / kg. /coat at 100 microns, one coat is recommended

#### **Guarantee:**

All precaution is taken in manufacture of each product to comply with the standard of each material.

The data sheet for each product for information only and may be corrected and no liability is accepted for it.

The results may have variation because the method of their use condition under which they are applied cannot be anticipated.

#### **Technical Service:**

For any technical advice for using the **ALEXCHEM** contact the technical office.

#### **Storage:**

Store out of direct sunlight, clear of the ground on pallets protected from rain fall. Protect from extremes of temperatures.

#### **Shelf life:**

Up to 12 months if stored in unopened Containers according to the manufactured instructions

#### **Safety precautions:**

Avoid contact with eyes, mouth, skin persons dandling these materials shall Use protective clothing including rubber or plastic gloves.

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