

# ALEXCOAT EP1500



## Two Components, Chemical Resistant, Epoxy Resin Coating

### Description

ALEXCOAT EP1500 is two-component, solvent free based epoxy resins and curing agents specially selected for their ability to withstand chemical attack. It is designed to give gloss finish on any building surfaces and most of masonry surfaces.

### Uses

- Designed for protection and coating on Masonary,concrete,steel and wood, substrates and building surfaces
- Such as:-  
Roof walls, Roof,Retaining walls.  
Industrial areas.  
Corridors.  
Kitchens.  
Food processing areas.

### Advantages

- Good chemical resistance.
- Durable.
- Excellent adhesion to most materials.
- Gloss finish.
- Odourless.
- Solvent free.
- Abrasion resistance.
- Low maintenance costs.

### Surface preparation

The surface to be treated with ALEXCOAT EP1500 must be Clean and free from dust or loose material.

**Concrete surfaces:** All laitance must be removed by grit blasting.

### Mixing:

- ALEX COAT EP1500 should be thoroughly stirred prior to application.
- Mix the component (B) to component (A) while mixing.
- Still mix till achieve a homogenous consistency.

### Properties

Appearance	Clear or any colour upon request	
Pot life	70 minutes	20°C
	40 minutes	30°C
Solid Content	100%	
Specific gravity	1.2 5	
Compressive Strength	80 N/mm2	
Tensile Strength	20 N/mm2	
Initial cure	12 hours	35°C
Final cure	7 days	20°C
	5 days	30°C

### ACIDS:

Hydrochloride 50%	Excellent
Nitric 25%	Excellent
Sulphuric 50%	Excellent
Phosphoric 50%	Excellent
Acetic 10%	Excellent
Lactic 10%	Excellent
Citric 10%	Excellent

### **ALKALI:**

Sodium Hydroxide 50%	Excellent
Ammonia 10%	Excellent

### **SOLVENTS:**

Petrol	Excellent
Oil	Excellent
Kerosene	Excellent
Acetone	Not Resistant
Butanol	Good
Skydrol	Good

### **OTHERS:**

Bleach 5%	Excellent
Saturated Sugar	Excellent

### **Guide to application**

#### **Application:**

**ALEXCOAT EP1500** could be applied by brush lamb's wool roller or by spray equipment.

Apply the first coat assuring a continuous coating of uniform thickness and allow it to cure overnight, then apply the second coat till reaching the required thickness.

#### **Coverage:**

**ALEXCOAT EP1500** is approximately  
Covers 5-7 m<sup>2</sup>/kg

#### **Storage:**

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

Protect from extremes of temperatures.

#### **Packing:**

Is supplied in 5 KG, 10 KG, 20 KG

#### **Shelf life:**

Up to 12 months if stored as recommended

#### **Safety precautions:**

Avoid contact with eyes, mouth, and skin.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

#### **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.