

# ALEXPHENOLIC EP



## Two Component Cured Phenolic Epoxy Paint

### Description

ALEXPHENOLIC EP is two-component high build amine cured phenolic epoxy Paint, reinforced with glass flakes which give high film thickness.

### Uses

Used as a coating for:-

- Fuel tank lining and crude oil tank lining.
- water tank lining.
- Solid and liquid food stuffs.
- Oil products, sea water and a wide range of chemicals & fuels tank lining.
- Anti-chemicals flooring.

### Advantages

- High chemical resistant.
- Good water resistance.
- High film thickness at one coat.
- Good edge covering capacity.
- Can be applied by airless spray equipment.
- For maximum chemical resistance, the film has to be completely cured for at least 7-10 days at (250-400) DFT and 25°C as curing is a function of temperature and DFT
- Heat resistance up to 150°C

### Surface preparation

- All surfaces must be sound, clean free from water oil, grease and other contaminants.
- Steel blast cleaned to ISO-SA 2 ½ minimum.

### Properties

Colour	Grey, Red
Finish	Semi-Gloss
Pot Life	2 hours
Solid volume	90±2%
Solid Content by weight	91±2%
Dry film thickness	100-400µm
Surface Dry	4 hours
Flash point	35°C
Complete Cure	7 Days
Recoat Interval	12 hours minimum
	7 days maximum

### Guide to application

#### **Mixing:**

- Mixing ratio by weight  
5 Base component:1 Activator component

#### **Application:**

- Thinner should only be added after proper mixing of the component.
- Brush, roller or spray can be used for painting.

Volume of thinner		
	Airless Spray	Air Spray
Thin with	0-15% paint thinner	5-20% paint thinner
Tip size	0.58-0.79 mm	2.00 mm
Tip pressure	15Mpa(2100psi)	0.4Mpa(60psi)

#### Safety precautions:

- Avoid contact with eyes, mouth, and skin.
- Treat splashes to skin and eyes immediately,
- If accidentally ingested seek medical attention.
- Product is flammable.

**Brushed:** Used only if spot repairing is required.

#### Coverage:

7.20 m<sup>2</sup>/ lit @ 125 micron D.F.T

#### Packing:

Is supplied in 6 kg, 24 kg

#### Shelf life:

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

#### 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.