

ALEXTAR EP



Two Component Polyamide Cured Coal Tar Epoxy Membrane

Description

ALEXTAR EP is two components, polyamide cured coal tar epoxy coating, which is suitable for steel and concrete structures.

Uses

- Suitable for marine and industrial atmospheric exposure, immersion and water tanks.
- For coating steel and concrete structures.
- Can be used with cathodic protection.
- When Concrete is subjected to chemical attack.
- As a waterproofing membrane.

Advantages

- Good abrasion resistance.
- Good resistance to chemically polluted water.
- Good corrosion resistance
- Easy to apply by roller or by brush.
- Cures at low temperatures.
- Tough, hard wearing film.

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.

- Suitable existing epoxy and polyurethane coatings cleaned and abraded as necessary.

Properties

Colour	Black	
Pot Life	2 hours	20°C
	1 hours	35°C
Density	1.30 g/cm ³	
Solid volume	80 %	
Dry film thickness	100-200µm	
Touch dry	4 hours	
Flash point	27°C	
Full cure	7 days	20°C
	4 days	35°C
Over coating interval	minimum 16 hours	

Guide to application

Mixing:

- Mixing Base to Hardener for at least 3 min by using low speed drill till achieving a homogenous consistency.
- To obtain application viscosity the paint temperature should be above 15°C, otherwise extra thinner may be required.

Application:

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

Volume of thinner		
	Airless Spray	Air Spray
Nozzle size	0.50 mm	2.00 mm
Nozzle pressure	15Mpa(2100psi)	0.4Mpa(60psi)

Brushed: Used only if spot repairing is required.

Coverage:

7.60 m²/ lit @ 100 micron D.F.T
(Recommended 250 micron).

Packing:

Is supplied in 5 kg, 10 kg& 20 kg.

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.

Shelf life:

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

Storage:

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

Protect from extremes of temperatures.

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.

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