

# ALEXPRIME EPS

## High Solid Polyamide Cured Epoxy Primer - Coating

### Description

**ALEXPRIME EPS** is two components, high build polyamide cured epoxy primer and coating.

It protect steel and concrete in industrial exposures, it can also used as finish coat.

### Uses

- As a primer for concrete and steel structure.
- As a finish coat for steel, flooring.

### Advantages

- Easy to apply by roller, brush or spray.
- Good adhesion properties on steel structures.
- Excellent water resistance.
- Good chemical resistance.
- Good corrosion resistance.
- Good flexibility.
- Resistant to splash and spillage of mild chemicals.

### Surface preparation

- All surfaces must be sound, clean free from water oil ,grease and other contaminants.
- Substrate temperature should be above 5 °C and at least 3°C above the dew point.

### Properties

Colour	Grey other colours upon request	
Pot Life	2 hours	20°C
	1 hour	35°C
Density	1.55 g/cm <sup>3</sup>	
Solid volume	70%	
Dry film thickness	60-100µm	
Full cure	7 days	20°C
	4 days	35°C
Touch dry	3 hours	
Flash point	27°C	
Over coating interval	minimum 10 hours	

### Guide to application

#### Mixing:

- Mixing ratio by volume: base to hardener 80:20.
- To obtain application viscosity the temperature of the mixed base and hardener should be above 15°C, other wise extra solvent may be required.
- Thinner should only be added after proper mixing of the 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
Nozzle size	0.58 mm	2.0 mm
Nozzle pressure	15Mpa(2100psi)	0.4Mpa(60psi)

**Coverage:**

7.0 m<sup>2</sup>/ lit @ 100 micron D.F.T

**Packing:**

Is supplied in 5 kg & 20 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.

**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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