

# ALEXPRIME HB

## Two Component Cured Epoxy Primer

### Description

**ALEXPRIME HB** is two components, high build epoxy based primer, designed as a system primer for various paint systems.

### Uses

- Used as finish paint for structure steel.
- Used as finish paint for anti-chemical flooring.

### Advantages

- Good chemical resistance.
- Easy to apply.
- Good corrosion resistance.
- Good water resistance.
- Tough hard wearing film.
- Good abrasion resistance.
- Used as build coat and top coat on primed steel.
- Good primer for systems with high solids epoxy build coats.

### Surface preparation

- All surfaces must be sound, clean free from water oil ,grease and other contaminants.
- Remove zinc salts and any contamination.

### Properties

Colour	Grey	
Pot Life	3 hours	20°C
	2 hours	35°C
Density	1.45 g/cm <sup>3</sup>	
Solid volume	78%	
Dry film thickness	65-95µm	
Touch dry	2 hours	
Flash point	29°C	
Full cure	7 days	20°C
	4 days	35°C
Over coating interval	minimum 10 hours	

### Guide to application

#### **Mixing:**

- Mixing ratio by weight:  
base to hardener 4:1
- 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 component.
- Brush, roller or spray can be used for painting.

Volume of thinner		
	Airless Spray	Air Spray
Nozzle size	0.65 mm	2.10 mm
Nozzle pressure	15Mpa(2100psi)	0.4Mpa(60psi)

**Coverage:**

7.80 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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