



# EPOPRIME BASECOAT

## General Description:

EPOPRIME BASECOAT is a two-component undercoat based on epoxy resin and polyamide hardener.

## Major Uses:

General – purpose basecoat for steel, concrete, plastic and wood surfaces. It is also recommended for all plastic surfaces and asbestos fibre and ideal as shop primer for structural steel.

## Advantages:

- Good adhesion properties.
- Excellent chemical resistance.
- Compatible.
- Good weather resistance.
- Abrasion - resistant.

## Characteristics and Physical Properties:

Color	White, Grey, Red
Appearance	Eggshell
Specific Gravity	1.40
Volume Solids	55%
Flash Point	20 <sup>0</sup> C
Mixing Ratio	4: 1
Pot Life @ 30 <sup>0</sup> C.	8 hrs.
Surface Dry @30 <sup>0</sup> C	5 hrs.
Recoating Interval	6 – 12 hrs.
Fully Cured	7 days.
Dft.	50 microns.
Wft.	80 microns.
Coverage	11m <sup>2</sup> / lit.

## Surface Preparation:

### Steel:

Metal surfaces should be free from grease, oil and other contaminants. Grit blasting to Sa2 ½ is much preferred to wire brushing and other methods of abrasion. Immediately after blasting the surface should be primed with EPOPRIME BASECOAT.

### Concrete:

New concrete should be dried at least 28 days. Apply one (1) coat of multi – etch solution, rinse and let it dry. Surface should be free from laitance, loose debris and other foreign contaminants prior to the application of EPOPRIME BASECOAT.

### Wood and Plastics:

Surface to be primed should be free of rust, dirt, oil and grease. Apply 1 coat of Uniseal # 110 P as a surface conditioner for a better anchorage of EPOPRIME BASECOAT.

## Mixing and Application:

- Stir contents of each container particularly the base resin very well.
- Mix 4 parts of Resin A and 1 part Hardener homogeneously using a flat paddle for at least five minutes. Mechanical mixing is much preferred with power drill with low RPM. Let it sand for 10-15 minutes induction time prior to application.

Method of Application: By brush, roller airless and Conventional Spray.

### Spray Data

Conventional Spray	
Nozzle Orifice	2 – 3mm.
Nozzle Pressure	43 – 57 psi.
Dilution	5 – 10 %
Thinner	# 135
Airless	
Nozzle Orifice	0.38 – 0.46 mm.
Nozzle Pressure	1138 - 1710 psi.
Dilution	0 - 5%
Thinner	#135

### Typical Recommended System:

EPOPRIME BASECOAT	1 coat.
Topcoats	1 coat.
EPOPRIME BASECOAT	1 coat.
Epoprime HB	1 coat.
Topcoat	1 coat.

### Storage:

Shelf Life of 12 months minimum if stored in cool and dry area.

*The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.*

### Cleaning of Tools:

All tools should be cleaned with Wash Thinner or Epoxy Thinner # 135 as soon as possible.

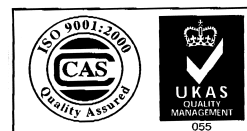
### Packing:

Available in 4 lit. set and 20 lit. set.

### Physiological Hazards:

Keep Resin and Hardener away from eyes and skin contact. Good ventilation should be provided particularly in closed work areas. Keep uncured epoxy materials away from the mouth, food or drink, do not use empty tins to store food and do not empty cans into drains. Always wear gloves and safety materials when handling this product. Clean any splashes or smears from the skin immediately, using warm water and soap. Avoid inhaling vapor.

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