

General Description:

EPOPRIME HB is a two-component hi – build coat based on epoxy resins and hardener with high molecular weight.

Major Uses:

For use as a primer / intermediate coat on structural steel and other surfaces, such as concrete and plastered walls. As a protective coat to metals from rust on extreme condition.

Advantages:

- Alkali and acid resistant.
- Anti - corrosive
- Good weathering resistant.
- Abrasión resistant.
- Compatible to all types of topcoats.

Characteristics and Physical Properties:

Appearance	Pigmented
Colour	White, Gray, Red
Gloss	Eggshell
Specific weight	1.36 kg/L
Volume solids	65%
Flash point	20°C
Mixing ratio	4 : 1
Pot life @ 25°C	4 hrs
Surface dry @ 25°C	5 hrs
Recoating interval	12 hrs min. 3 days max.
DFT	108 – 130 microns
Coverage	5 - 6 m ² /L

Surface Preparation:

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.

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 stand for 10-15 minutes induction time prior to application.

Method of Application	Brush, Roller, airless and Conventional Spray
SPRAY DATA	
Conventional Spray	
Nozzle orifice	2-3 mm
Nozzle pressure	43-75 psi
Dilution	5-10%
Thinner	Thinner # 135
Airless	
Nozzle orifice	0.38-0.46 mm
Nozzle pressure	1138-1710 psi
Dilution	0-5%
Thinner	Thinner # 135

Typical Recommended System:

Epoprime Basecoat	1 coat
EPOPRIME HB	1 coat
Epocoat/Masdur	1 coat

Storage:

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

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 vapour.

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.

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