



EPOBUILD HB

General Description:

EPOBUILD HB is a two-component hi – build epoxy resin and polyamide hardener with high molecular weight. It is especially formulated to give superior adhesion, chemical and abrasion resistant finish.

Major Uses:

For use as a protection to metals from rust. As an intermediate or finishing coat in epoxy system on structural steel and wall plastering at extreme conditions in epoxy and polyurethane coating system. It can be use with or without primer or topcoat.

Advantages:

- Abrasion and impact resistant.
- Good flexibility and waterproof.
- Easy to apply.
- Compatible to all types of topcoats.
- (Vinyl, chlorinated rubber, Epoxy MIO, Polyurethanes and Acrylics)
- Good weathering.
- Provides high build coating.

Characteristics and Physical Properties:

Color	Off White, Cement Grey
Gloss	Eggshell
Volume Solids	57%
Specific Gravity	1.3 +/- 0.05
Flash Point	25°C
Coverage	5 – 6 m ² / lit.
Ratio	3 : 1
Wft.	175 microns.
Dft.	100 microns.
Pot Life @ 30°C.	8 hrs.
Drying Time:	
Surface Dry @25°C	2 hrs.
Touch Dry @ 25°C	6 hrs.
Fully Cured @ 25°C	7 days.

Surface Preparation:

New Steel:

Steel should be degreased with suitable degreasing solvent and then grit blasted to S.S. Sa 2 ½ . Grit blasting is much preferred to wire brushing or other methods of abrasion.

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.

Immediately after blasting the surface should be coated with EPOBUILD HB.

Concrete:

New concrete should be cured for at least 28 days. Apply one (1) coat of multi etch solution., rinse and let it dry. Remove all loose debris prior to the application of EPOBUILD HB.

Maintenance:

Remove all traces of oil, grease and other contaminants with suitable degreaser and detergent. Remove all rust and loose materials by power tool cleaning or by wire brushing. Application of wash primer to damaged or rusted surface is recommended prior to the application of EPOBUILD HB.

Application Details:

Method of Application:	By brush, roller airless and Conventional Spray.
Spray Data	
Airless	
Nozzle Orifice	0.38 – 0.46 mm.
Nozzle Pressure	1138 - 1710 psi.
Dilution	0 - 5%
Thinner	#135

Application Condition: temperature of the substrate should be min 5°C and relative humidity on the vicinity of the substrate must not exceed 95%.

Typical Recommended System:

MAS Epoprime (Basecoat)	-1 x 50 microns.
MAS EPOBUILD HB	-1x100 microns.
Masdur	-1 x 60 microns.
EPOBUILD HB	-2x100 microns.

Storage:

Shelf life of 12 months minimum if stored below 25°C.

Cleaning of Tools:

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

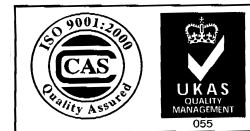
Packing:

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.

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