

Epoxy primer (high quality)

Product description:

Two-component epoxy rust preventer, highly resistant to corrosion, abrasion, salt, solvents and acids, chemicals, aggressive industrial atmosphere. Extremely good adhesion to perfectly clean surfaces.

Recommended use:

For rust proofing iron and carbon steel surfaces when high resistance is required.

Physical properties

Colour	:	as Client request.
Solid content	:	66%.
Covering power	:	6-8 m ² /kg
Sp. Gravity	:	1.4 g/Cm ³
Viscosity	:	130- 150 sec (ford cup) at 25° C
Surface dry	:	20-30 min
Hard dry	:	18-24 hours.
Full curing	:	4-7 days.
Thinner	:	cibccr epoxy thinner.

Film thickness & spreading rate:

	Minimum	Maximum	Typical
Film thickness, dry (μm)	80	240	160
Film thickness, wet (μm)	100	350	225
Theoretical spreading rate (m ² /l)	10	3	6

Drying time:

Drying times are generally related to air circulation, temperature, film thickness & number of coats.

The table shows the drying time corresponding to the atmospheric temperature:

Substrate temp.	10°c	25°c	40°c
Surface dry	2 hr	1hr	30 min
Through dry	6hr	3hr	2 hr
Dry to recoat,min	7d	4d	2d

Surface preparation

Surface should be clean, dry and free from any contaminations. The surface should be treated by suitable methods to allow coated surfaces receiving primer coat to be capable of maximum adhesion.

Bare steel: cleanliness: blast- cleaning to 2 ½ sa

Shop primed steel: clean, dry & undamaged approved shop primed.

Coated surfaces: clean, dry & undamaged compatible primer.

Other surfaces: for aluminum substrates, through washing & sweeping with a nonmetallic blast medium is required.

Application methods:

Being a two component primer, it must be mixed with the specific catalyst in the proportion of 444g of component A; 556g of component B. Brush or spray can be used after suitable dilution with its solvent.

Storage:

Product must be stored in accordance with rural regulations. And the storage conditions are to keep the containers in a dry, cool, well- ventilated areas, and away from source of heat and ignition.

Packing

To be agreed upon with client.

Ready packing:

Kgs 4.00 cans

Kgs 20.00 cans

Health and safety:

Please observe the precautionary notices displayed on the container. Use under well- ventilated conditions. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

Flammable product to be used and stored away from heat sources and naked flames. Do not smoke when using, avoid prolonged inhalation. Observe the general rules governing the use of solvents.

Use protective goggles and gloves, work in well ventilated areas with constant renewal of the air.