

Alkyd phosphate primer

Product description

Based on zinc phosphate as an inhibitive pigment, incorporated into a mixture of alkyd resins and suitable extenders.

Powerful rust proofing properties with very low toxicity due to the type of solvents used. It has good adhesion on pretreated steel and aluminum.

Recommended use:

As rust preventive primer for industrial machinery, railings and steel structural work and wherever high resistance properties are needed. It is also suitable for marine environments.

Physical properties

Colour	:	red or grey
Solid content	:	70% \pm 1
Coverage power	:	8-10 m ² /kg for one coat
Sp. Gravity	:	1.6 g/Cm ³ max.
Viscosity	:	180 sec (ford cup).
Surface dry	:	40 min
Hard dry	:	8 hours.

Film thickness & spreading rate:

	Minimum	Maximum	Typical
Film thickness, dry (μ m)	50	120	85
Film thickness, wet (μ m)	80	220	150
Theoretical spreading rate (m ² /l)	14	4.5	7.5

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	20min.	15min.	10 min.
Through dry	2hr	1.5hr	1 hr
Dry to recoat,min	2hr	1.5hr	1 hr

Surface preparation

Surface should be clean, dry and free from any contaminations.

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:

Three coats are preferably applied to reach the best protection.

It can be applied by (10% dilution).

Spray : use airless spray

Brush : recommended for small area .and care must be taken to achieve the specified dry film thickness.

Dilution

Use cibccr thinner ALP2.

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.