



STEEL PRIMER

General Description:

STEEL PRIMER is based on modified alkyd resin and selected pigments. It provides an anti – corrosive primer on alkyd system.

Major Uses:

As a primer for steel structures on mild environment with good weathering.

Advantages:

- Prolongs the life of steel.
- Protects the formation of fungus.
- Provides perfect hold of the topcoat.
- Compatible to oil – based topcoats.

Characteristics and Physical Properties:

Colour	Yellow
Gloss	Flat
Flash Point	39 ⁰ C
Volume Solids	50% + / - 2
Specific Gravity	1.4
Coverage	12 –14 m ² / lit.
Dft.	32 – 37 microns.

Application Details:

Method of Application:	By brush, roller, airless and Conventional Spray.
Nozzle Orifice	0.43 –0.48 mm.
Nozzle Pressure	1700 – 2100 psi.
Thinner / Dilution	Thinner # 155
Application Conditions	Temperature of the substrate should be min3 ⁰ C.

Surface Preparation:

New Steel / Shop Primed:

Abrasive blasting to minimum Sa21/2 . If blasting is not possible, power tool cleaning or wire brushing is recommended to minor touch – up. All damaged primers and contamination should be removed and thoroughly cleaned prior to final painting.

Maintenance:

Remove oil, grease and other contaminants prior to final top coating.

Drying Time:

The drying time is evaluated according to ASTM D 1640 at room temperature. However, the drying time varies on the film thickness, number of coats and temperature.

Dry Hard	@ 25 ⁰ C	- 4 hrs.
Dry to Touch	@ 25 ⁰ C	- 2 hrs.
Dry to Recoat	@ 25 ⁰ C	- 4 - 6 hrs.

Typical Recommended System:

STEEL PRIMER	-1coat @ 45microns.
Maskote IC	- 1coat @ 40microns.
Maskote TC	-1coat @ 40microns.

Storage:

STEEL PRIMER should be kept in cool place below 25⁰C. Keep in a tightly closed container.

Cleaning of Tools:

All tools should be cleaned with Wash Thinner or xylene as soon as possible.

Packing:

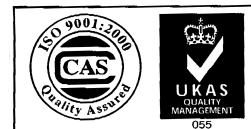
Available in 4 lit and 20 lit,

Physiological Hazards:

STEEL PRIMER does not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. STEEL PRIMER is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water and seek immediate medical advise.

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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