



PRODUCT CODE : 4055

ROSALEE SYNTHETIC PRIMER ZINC CHROMATE YELLOW IS 104

Scope

As against red-oxide, zinc chrome offers better corrosion resistance. Reason: under high humidity condition, zinc chrome dissociates into zinc ions and chromic acid ions. Whereas zinc ions offer protection against corrosion, chromic acid ions, offer passivity to the iron surface, which means longer and better protection of steel, from rusting. Besides, it offers adhesion of any synthetic paint system on a galvanized or aluminium surface.

Areas of Application

All steel and aluminium surfaces including galvanized steel. Why apply zinc chrome primer to a galvanized surface, when galvanization by itself is ideal for protection against atmospheric corrosion? No galvanized surface will permit adhesion of any synthetic paint because of the development of white rust on its surface.

Surface Preparation

Please refer to our pamphlet on “surface preparation for metals”.

Technical Data

- APPEARANCE : Free flowing yellow liquid free from lumps.
- VISCOSITY : 120 ±5 seconds fc4/30°C.
- BRUSHING VISCOSITY : 60-70 sec.
- SPRAYING VISCOSITY : 25 to 30 sec.
- THINNER TO BE USED : Syn. Thinner 011
- DRYING TIME : Surface dry : 20 to 25 min.
Tack Free : 50 to 60 min.
Hard dry : 24 hrs.
- SANDING POSSIBLE : After eight hours.
- FLEXIBILITY : Passes 1/4” bending mandrel.
- CROSS HATCH TEST : Passes
- SALT SPRAY RESISTANCE : 150 hours
- FINISH : Smooth and matt.
- ZINC CHROME CONTENT : 13% on formulation

Directions for Use

Stir the primer. Use thinner to adjust viscosity for brushing or for spraying. The surface should be free from oil/rust.

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Note

The genuine primer zinc chrome is expensive. To achieve economy, we also offer primer zinc chrome to is 104-p where “p” stands for performance guarantee. The content of zinc chrome pigment is 5-6% while the corrosion resistance is achieved by incorporating a special rust-preventing compound.

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