

MORSUN INORGANIC ZINC-SILICATE PRIMER (PRE-FAB)

PRODUCT CODE
MCS-ZS-012
PRODUCT DESCRIPTION

A two pack self curing inorganic zinc ethyl silicate shop primer

SUGGESTED USES

A corrosion resistant primer for the protection of steel during fabrication and assembly applied on blast cleaned surfaces. It renders long term weathering protection combined with good cutting and welding properties

TECHNICAL DATA

Colour	Greenish Grey
Finish	Matt
Mixing Ratio	Powder : Binder 40 : 60 by wt
Pot Life	2 to 4 hours depending on ambient temperature
Volume Solids	42% + 2
Recommended dft	35 to 40 μ per coat
Theoretical Covering	10 M2 at 40μ
With 30% Loss	7 M2
Drying Time	Surface Dry : 30 minutes depending on ambient temperature and ventilation
Overcoating Interval	Min-12 Hours Max- Indefinite Ensure the substrate to be coated is free of Zinc Salts and other contaminants after prolonged exposure
Thinner Recommended	Thinner for Zinc-Silicate (Not for Thinning / Only for Cleaning)
Method of Application	Mixing: - Mix Binder part thoroughly to get homogenous mixture. Then add Powder Part to Binder Part gradually under constant stirring to get uniform Slurry. Strain mixed paint through 80-100 mesh sieve to avoid clogging of spray nozzle and keep stirring the material throughout application to avoid settling of Zinc Dust and Pigments. . Use Conventional / Airless Spray / Brush for small areas. Use plastic containers for mixing the material. Application not to be done at Relative Humidity less than 50%
Airless Spray	Tip Size: 0.018"- 0.024" : Fluid Pressure: 1000-2000 psi
Heat Resistance	400°C Dry heat (Intermittently)
Shelf life	Upto 6 months in sealed container stored at room temperature
Surface Preparation	Degrease and blast clean to Sa 2½, profile not to exceed 65 microns
Limitations	The primer being zinc based is not acid/ alkali resistant
Packing	20 Litres, 4 Litres

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