

MARINE ZINC CHROMATE PRIMER

Single pack, air drying oleo resinous composition with Zinc Chromate Pigment.

FEATURES AND RECOMMENDED USE

- ! Anti-corrosive primer for use in marine and mildly corrosive environment
- ! Good adhesion to prepared steel.
- ! Easy application by brush
- ! Good rust Preventing Properties.
- ! To be Used in Conventional Paint Systems

TECHNICAL DATA

Color:	Yellow
Gloss:	Matt
Volume solids:	Approx. 50%
Recommended DFT/Coat:	30 - 40 microns.
Theoretical covering capacity: 12.5 sq.mtr/l at 40 microns DFT	16.67 sq.mtr/l at 30 microns DFT
Flashpoint:	Not below 30oC
Drying time at 30oC:	Surface dry: 1 hour Hard dry: 18 hours
Over coating interval at 30oC	Min.: 18 hours Max.: Unlimited, provided surface is dry and clean From all contamination
Shelf life (cool and dry place at 30oC):	At least 12 months

DIRECTION FOR USE

Surface Preparation

General:

Surfaces must be dry, clean and free from contaminants. Ensure removal of dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating. Oil and grease should be removed as per SSPC-SPI solvent cleaning. Surface should be checked and treated in accordance with ISO 8504 prior to priming.

BLAST CLEANING:

Steel, abrasive blast clean to min. Sa 2.5 (ISO 8501 - 1: 2007) or SSPC - SP10. A blasting profile of (Rz) 30-40 microns is recommended. Substrate temperature should be at least 3°C above dew point but not above 50°C. Relative humidity should be below 85%. Good ventilation is required in confined areas to ensure proper curing.

MIXING

! If settling is observed in the drum, loosen the settled material with the help of hand stirrer followed by power driven stirrer for quick homogenous mixing.

APPLICATION

Brush/Roller

Thinner: Sea Shield Thinner
Thinner intake: 0 - 5% by volume

Air Spray

Thinner: Sea Shield Thinner
Thinner intake: 5 - 15% by volume
Nozzle orifice: 1.5 - 3.0mm
Spray pressure: 0.3 - 0.4 MPa (= approx.3 - 4atm; 43 - 57p.s.i)

Airless Spray

Thinner: Sea Shield Thinner
Thinner intake: 0 - 10% by volume
Nozzle orifice: 0.38 - 0.46mm
Spray pressure: 12 - 15MPa (=approx.120 - 150atm; 1700 - 2100p.s.i)

STORAGE & PACKING

Storage: Store in a cool, dry place. Store in accordance with local regulations.

Packing: 0.9l, 3.64 & 18 litre packs

SAFETY INFORMATION

As a general safety measure, inhalation of solvent vapors or paint mist and contact of liquid paint with skin & eyes, should be avoided. Forced ventilation should be provided when applying paint in confined spaces or stagnant air. Even when ventilation is provided, respiratory, skin and eye protection are always recommended when spraying paint. Please follow the general safety instruction prior to using the product.

Disclaimer:

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