



ZINC PHOSPHATE PRIMER

PRODUCT DESCRIPTION

Anti-corrosion general purpose primer with high film build ability. Suitable for steel subjected to mild corrosive environments.

PRODUCT FEATURES

- Quick drying
- Durable
- Over-coatable with in a short period of time
- Excellent adhesion to most substrates
- Non-toxic
- Good anti-corrosion properties
- High film build
- Over coatable with almost all finishing coats.

TECHNICAL INFORMATION

Colour: Green, Grey and Yellow
 Appearance: Matt
 Generic type: Alkyd resin based
 Total solids: 62-65%
 S.G.: 1.25
 Viscosity at 25 C: 72 ku
 Spreading rate: 6-8square metre/ litre, depending on substrate
 Recommended DFT: 65 microns
 Temperature resistance: 90 C (dry)
 Mix ratio: Single pack ready for use
 Opacity: 100% at 100 microns wet film
 Packaging: 1, 5, 20 litre.

SURFACE PREPARATION

All surfaces are to be clean, dry, free of oil, grease and other contaminants. Remove rust and mill scale by abrasive blast cleaning to Grade SA 2.5 of International Standards ISO 8501-:1988 with a blast profile of 30-50 microns. Mechanical cleaning to Grade St 3 of the above Standard can be done where blast cleaning is not possible. This however, can result in a shorter maintenance free life.

APPLICATION

Stir contents thoroughly prior to use.

- Airless spray: 10-15% dilution with Industrial thinners
 Nozzle pressure: 200 - 220 bar
 Nozzle orifice: 0.021"
- Conventional spray: 20-25% dilution with Industrial thinners
 Air pressure 4-6 bar
 Nozzle orifice 1.5-2 mm
- Brush and Roller: Suitable as supplied. Do not dilute.
- Clean up: Do not allow to dry on or in equipment, wash immediately with Industrial thinners

ENVIRONMENT

It is recommended that application be confined to the following:

Surface temperature: 15 C minimum 40 C maximum
 Ambient temperature: 15 C minimum 40 C maximum
 Relative humidity: Max 80%
 Or at least 3 C above dew point
 Do not leave the container open, as a skin quickly forms on the surface of the paint.

DRYING TIME

Substrate Temp	Touch Dry	Hard Dry
15°C	4 HOURS	12 HOURS
20°C	45 MINS	8 HOURS
25°C	15 MINS	4 HOURS
30°C	10 MINS	2 HOURS

OVERCOATING TIMES

Surface temperature	min	max
15°C:	8 hours	indefinite
20°C:	4 hours	indefinite
25°C:	2 hours	indefinite
30°C:	1 hour	indefinite

All above are given as guide lines and can not be assumed to be absolute, as variances will result from differences in film thickness, environment and surface temperature.

LIMITATIONS

Sustained cold conditions can result in paint failure. Avoid painting on wet substrates and in wet conditions

STORAGE AND HANDLING

Store in a cool and dry area, away from heat, direct sunlight and severe cold. Shelf life 2 years in original sealed containers

SAFETY PRECAUTIONS

When working with Zinc Phosphate Primer always wear PPE.
 Overall, gloves, glasses and solvent resistant mask. Always ensure adequate ventilation most especially when spray applied.
 No smoking in application area.
 Never apply in confined areas and ensure the area is free of sparks and open flames
KEEP OUT OF REACH OF CHILDREN.

Information Provided is based on Laboratory evaluations and data believed to be reliable.
 Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for their own use.
 It is not to be considered a guarantee of the products properties.

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