

## NOBLE ZINC PHOSPHATE QUICK DRYING PRIMER

|                            |   |
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| <b>PRODUCT DESCRIPTION</b> | A Quick Drying Alkyd based anti-corrosive Primer pigmented with zinc phosphate. Dry film is tough, hard and has moderate chemical resistance, with excellent adhesion, can be overcoated with Noble alkyd systems. It does not contain chromates. |
| <b>RECOMMENDED USES</b>    | Quick drying anti-corrosive primer for structural steel, tanks and pipelines in moderately corrosive atmosphere. It is suitable for the interior and exterior applications as part of the alkyd systems.  |

### TECHNICAL DATA

|   |                                 |
|---|---------------------------------|
| <b>COLOUR, DRY FILM</b>                           | Gray                            |
| <b>FINISH, DRY FILM</b>                           | Smooth / Matt                   |
| <b>VOLUME SOLIDS (ASTM D2697)</b>                 | 55 ± 2%                         |
| <b>SPECIFIC GRAVITY</b>                           | 1.55 ± 0.05 (of mix)            |
| <b>THEORETICAL SPREADING RANGE</b>                | 13.8 - 11.0 M <sup>2</sup> /LTR |
| <b>RECOMMENDED DFT RANGE (DRY FILM THICKNESS)</b> | 40 - 50 Microns/Coat            |
| <b>RECOMMENDED WFT RANGE (WET FILM THICKNESS)</b> | 75 - 92 Microns/Coat            |
| <b>FLASH POINT</b>                                | 25°C                            |
| <b>FLEXIBILITY</b>                                | Good                            |

### DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, 1m thickness and number of coats all affect the drying time.)

|                                 |                |
|---------------------------------|----------------|
| <b>TOUCH DRY</b>                | 5 - 10 minutes |
| <b>DRY TO RECOAT / OVERCOAT</b> | 10 hours       |
| <b>HARD DRY</b>                 | 12 hours       |

### ADVANTAGES

|   |  |
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| <b>NOBLE ZINC PHOSPHATE QUICK DRYING PRIMER</b> | Quick drying single component primer. Contains no chromates. The dry film is tough, hard and can be overcoated with Noble Alkyd based system, excellent adhesion on properly cleaned steel surfaces. |
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### APPLICATION INSTRUCTION

#### SURFACE PREPARATION

New Steel: All surfaces to be coated should be clean, dry and free from any contamination. Oil and grease should be removed by solvent cleaning as per SSPC-SP1. Abrasive blast cleaning to Sa 2.5 or mechanical cleaning using hand/power tool to minimum of St 2 standard should be done.

Repair/Maintenance: Existing paints system should be dry and free from salt and other contaminants. Corroded and/or damaged areas should be blast cleaned to Sa 2 or power tool cleaned to St 3

### APPLICATION DATA

|                            |                             |       |
|----------------------------|-----------------------------|-------|
| APPLICATION METHOD         | Conventional Spray          | Brush |
| CLEANING/THINNING          | Noble Q.D. Thinner          |       |
| THINNER (VOLUME)           | 20 - 40%                    | 5%    |
| CONV. SPRAY REQUIREMENTS   | Atomizing Pressure : 50 psi |       |
| AIRLESS SPRAY REQUIREMENTS | Not applicable              |       |
| NOZZLE SIZE                | Not applicable              |       |
| MIXING RATIO (BY VOLUME)   | Not applicable              |       |
| POT LIFE @ 30°C (100 ml)   | Not applicable              |       |

### SYSTEM

| RECOMMENDED SYSTEM                 | No. of Coats x DFT (Microns)             |          |
|------------------------------------|--|----------|
| To be applied on prepared surface. | Noble Zinc Phosphate Quick Drying Primer | : 1 x 40 |
|                                    | Noble Synthetic Enamel Gloss I (OR)      | : 2 x 35 |
|                                    | Noble Synthetic Enamel Gloss II (OR)     | : 2 x 35 |
|                                    | Noble Industrial Quick Drying Enamel     | : 2 x 35 |

### ADDITIONAL DATA

|                   |  |
|-------------------|--|
| SHELF LIFE @ 30°C | 18 months, in original sealed container, with proper storage conditions. |
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### HEALTH & SAFETY

#### SAFETY PRECAUTIONS

As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and airmask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water. Avoid inhalation of vapours and paint mist by wearing suitable airmask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area.

This as industrial product, contains flammable materials and should be kept away from the sparks and open flames, smoking in the area should not be permitted. Local safety regulations should be followed.

### STORAGE & HANDLING

#### STORAGE

Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures. Do not stock paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination. Handle with care. Stir well before use.

**NOTE :** We warranty only the quality of our product and this data sheet is based on results obtained from experience and tests.  
We reserve the right to change data without prior notice. For surface preparation, safety details refer specifier and safety data.

This data sheet supersedes all previous issued.  
Issued: 0608

