PRODUCT DATA SHEET

INDUSTRIAL RANGE

QUICK DRY GREY PRIMER

1. DESCRIPTION

High quality zinc phosphate primer, based on modified short oil alkyd resin.

2. PRINCIPAL CHARACTERISTICS

- Good adhesion properties on new un-rusted steel.
- Fast drying.
- Fast hardening.
- Recoat able with conventional one component coatings.
- Not suitable for immersion in water.

3. PACKAGING, COLOURS AND GLOSS

- 1lt, 5lt, 20lt and 200lt.
- Red oxide.
- Matt.

4. BASIC DATA AT 23°

• Drying time:	± 20min surface dry. ± 3hrs hard dry.
• Recoating time:	± min 3hrs for 40µm dft, max unlimited.
• Mass relative density:	± 0.95 – 0.97 g/cm³.
• Solids by volume:	± 63%.
• Viscosity:	± 50 – 60sec.
• Recommended dft:	40µm per coat. (2 coats recommended.)
• Theoretical spreading rate:	14 - 18m²/lt for 40µm.
• Practical spreading rate:	6 – 8m²/lt for 40µm.
• Shelf life:	at least 12 months in cool and dry conditions.

- Flash point: 15°C - 25°C.

5. RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- Steel; unpainted, dry and free from any surface contamination.
- Substrate temperature should be between 10°C and 30°C and at least 3°C above dew point during application and curing.
- Ambient temperature between 5°C and 40°C with a maximum relative humidity of 85%.

6. INSTRUCTIONS FOR USE

- Stir well before use.
- Product temperature should be above 15°C to achieve application viscosity.
- Quick dry thinners can be introduced to lower the viscosity if necessary. Do not exceed 10% to volume.
- Too much solvent will reduce sag resistance.
- Always ensure adequate ventilation.

- AIRLESS SPRAY:
- Recommended thinner: QD Thinners.
- Volume of thinner: 0 – 10%, depending on required thickness and application conditions.
- Nozzle orifice: ± 0.38 – 0.48mm.
- Nozzle pressure: 12 – 16MPa (± 120 to 160 bar).

- AIR SPRAY:
- Recommended thinner: QD Thinners.
- Volume of thinner: 0 – 10%, depending on required thickness and application conditions.
- Nozzle orifice: ± 1.8 – 2mm.
- Nozzle pressure: 0.35MPa (± 3½ bar).

- BRUSH / ROLLER: (not recommended)
- Recommended thinner: QD Thinners.
- Volume thinner: 0 – 5%, depending on required thickness and application

conditions.

- Cleaning solvent: QD Thinners.

7. SAFETY PRECAUTIONS

This is a solvent based primer, avoid inhalation of spray mist vapor as well as contact between the wet paint and exposed skin or eyes.