

AIRSPEED QAD ZINC PHOSPHATE PRIMERS

INTRODUCTION

A range of quick air drying zinc phosphate primers for the protection of iron and steelwork against corrosion, giving a tough quick drying primed substrate which may be overcoated with a wide range of single pack finishing systems.

AVAILABILITY

Supplied from stock in a range of colours.

PACKAGE SIZES

Supplied in 5 litre lever lid cans, 20 litre pails, 25 litre drums and 200 litre barrels.

COMPOSITION

Modified short oil alkyd medium with organic and/or inorganic pigments in a suitable aromatic hydrocarbon solvent.

APPEARANCE WHEN DRY

Colour as per product reference.

SHELF LIFE

12 months in original unopened container

SOLIDS BY WEIGHT

53% Typical

SOLIDS BY VOLUME

34% Typical

SPECIFIC GRAVITY

1.2 Typical

FLASH POINT

26°C (Abel Closed Cup)

VISCOSITY AS SUPPLIED

80 - 100 seconds (BS EN ISO 2431) or 0.5 - 0.7 poise (Cone and Plate)

DRYING TIMES

Touch dry: 10 - 15 minutes at 20°C

Dry for handling: 25 - 30 minutes at 20°C

Hard dry: 2 - 3 hours.

SURFACE PREPARATION

All surfaces should be clean and dry free from rust, millscale oil and grease. Surface preparation should be carried out by the utilisation of scrapers, wire brushes, abrasive papers etc. followed by de-greasing with a suitable solvent such as Crosbie 800/002 Thinners, or a suitable de-greasing solution. Inferior surface preparation will almost certainly result in inferior coating performance. Shotblasting to Swedish standard SA2.5, British Standard 4232 or equivalent is the preferred method of surface preparation.

APPLICATION

Formulated for application by conventional air assisted spray. An addition of approximately 10 - 15% 800/002 Thinner will be required to achieve optimum atomisation viscosity. Atomising air pressure 40 - 60 PSI. May also be electrostatically sprayed with suitable modification to resistance and viscosity. Small areas may be brushed if required.

THEORETICAL COVERAGE

Applied at 10m² per litre will give a DFT of 34µ, corresponding WFT 100µ.

If applied by spray application losses on narrow section and bar may be considerable due to overspray.

OVERCOATING

May be overcoated with a wide range of single pack finishing systems.

SOLVENT FOR THINNING AND CLEANING EQUIPMENT

800/002 Thinners

ADDITIONAL INFORMATION

Crosbie Coatings Limited believe that the aforementioned information is to the best of our knowledge correct but no responsibility can be held for conditions of use beyond our control. Should there be any query as to the suitability for use please do not hesitate to contact the Technical Department of Crosbie Coatings Limited.

HEALTH AND SAFETY INFORMATION

This Data Sheet should be read in conjunction with Product Safety Data Sheet 12.