

## AIRSPPEED BRUSH/SPRAY ZINC PHOSPHATE PRIMERS

### INTRODUCTION

A range of high quality zinc phosphate anti corrosive metal primers for application to suitably prepared ferrous substrates such as steel fabrications, machinery and steel buildings. Giving good build and application providing a tough durable primed surface with good adhesion and mechanical properties, which may be overcoated with many products from the AIRSPPEED range of products. These products are extremely versatile, being able to be applied by both brush and spray application whilst maintaining favourable drying properties. When fully dried these products have resistance to many lubricating oils and also mild solvents.

### 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

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

### APPEARANCE WHEN DRY

Colour as per product reference.

### SHELF LIFE

12 months in original unopened container

### SOLIDS BY WEIGHT

70% Typical

### SOLIDS BY VOLUME

48% Typical

### SPECIFIC GRAVITY

1.32 Typical

### FLASH POINT

38°C (Abel Closed Cup)

### VISCOSITY AS SUPPLIED

2 - 3 Poise (BS 3900 Part A7-1)

### DRYING TIMES

Touch dry: 30 - 60 minutes at 20°C

Dry for handling: 2 - 4 hours at 20°C

Hard dry: Overnight

Dry for overcoating: 16 hours at 20°C

### 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 SA2½, British Standard 7079 or equivalent is the preferred method of surface preparation.

### APPLICATION

Formulated for application by both brush and spray.

Ready for use by brush application.

Conventional spray. An addition of approximately 10% 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 12m<sup>2</sup> per litre will give a DFT of 35µ, corresponding WFT 84µ.  
If applied by spray application losses on narrow section and bar may be considerable due to overspray.

OVERCOATING

Should be overcoated with AIRSPEED 250 or AIRSPEED 270 polyurethane enamels or subsequent coats of primers, intermediate or finishing coats based on solvents such as white spirit.

SOLVENT FOR THINNING AND CLEANING EQUIPMENT

800/001 Thinner for brush or roller application.  
800/002 Thinner for spray application.

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 13.