

## AIRSPEED 2 PACK POLYURETHANE FINISHES

### INTRODUCTION

A range of highly durable 2 Pack Polyurethane finishes with excellent exterior weathering properties together with resistance to abrasion and a wide range of oils, greases, solvents and mild chemicals.

### AVAILABILITY

Prefix Code 500/ - Brushing quality.

Prefix Code 510/ - Airless spray quality.

Shades manufactured to customers order requirements subject to current minimum order size.

### PACKAGE SIZES

Supplied in 2 component form.

Base container - 5 litre can. Curing agent - 1 litre can.

Containers may not necessarily be full as contents will vary with mixing ratio.

### COMPOSITION

Acrylic base with isocyanate curing agent together with organic and/or inorganic pigments and extenders in a suitable solvent blend.

### APPEARANCE WHEN DRY

Colour and sheen as per shade.

### SHELF LIFE

12 months in original unopened container

### SOLIDS BY WEIGHT

55% Typical

Solids may vary with individual product type.

### SOLIDS BY VOLUME

40% Typical

### SPECIFIC GRAVITY

1.1 Typical

### FLASH POINT

26°C (Abel Closed Cup)

### SURFACE PREPARATION

For application over a suitably prepared and primed substrate. For optimum coating performance steelwork should be blast cleaned to Swedish standard SA2½ or equivalent followed by the application of high performance 2 pack priming and intermediate coats. If being used as a floor coating the floor must be adequately prepared by mechanical scarification. All surfaces must be clean and dry free from all contaminants that may be detrimental to coating application.

### APPLICATION

Suitable for application by brush, roller or airless spray.

A typical airless spray set up would be a tip size of 15 - 19 thou and an atomising pressure of 2000 - 2300 Psi.

For conventional spray application an addition of 10 - 15% 800/96 Thinner will be required to achieve optimum atomisation viscosity.

Do not apply when the relative humidity exceeds 90% or when condensation is likely.

### MIXING

Mixing ratio is typically 7 parts base with 1 part of catalyst by volume.

Airless spray grades should be mixed 4 parts base with 1 part catalyst by volume.

These mixing ratios may vary and each individual product container should be referred to for instructions.

#### THEORETICAL COVERAGE

Applied at 10m<sup>2</sup> per litre will give a DFT of 40µ.

Applied at 8m<sup>2</sup> per litre will give a DFT of 50µ.

Losses on narrow section and bar may be considerable due to overspray.

#### DRYING TIMES

Touch dry: 30 - 40 minutes @ 18°C

Dry for handling: 3 - 4 hours @ 18°C

Hard dry: 24 hours

Maximum cure can take up to 7 days.

Drying will vary depending on ventilation and temperature. Below 5°C drying will be retarded and application should be ceased.

#### OVERCOATING

Minimum: 16 hours. Maximum: Indefinite.

N.B. If overcoating after 3 days curing, care must be taken to ensure adequate intercoat adhesion between coats. If adhesion is found to be unacceptable then abrasion of the coating may be required to provide a mechanical key for subsequent coating application.

#### SOLVENT FOR THINNING AND CLEANING EQUIPMENT

800/96 Thinners

#### HEALTH AND SAFETY INFORMATION

This Data Sheet should be read in conjunction with Product Safety Data Sheet 133 (brushing) or 181 (spraying).

#### 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.