

AIRSPEED 270 POLYURETHANE ENAMEL

INTRODUCTION

A range of high quality polyurethane plant and machinery enamels giving a tough durable adhesion resistant glossy finish suitable for application by both brush and spray to most plant, machinery, vehicles and also for the finishing of steel and other metal structures. AIRSPEED 270 has good application and drying properties together with resistance to a wide variety of lubricating oils and mild solvents when fully dried. AIRSPEED 270 may also be used as a high quality decorative finish for woodwork, particularly suitable where high abrasion resistance, such as doors, skirting boards etc.

AVAILABILITY

Supplied from stock in the following shades:-

BS4800 00E53 Black (K2002)	BS4800 08E51 Golden Yellow (K2035)	BS381C 538 P.O. Red (K2020)
BS4800 00E55 White (K2001)	RAL2004 Orange (K2212)	BS381C 106 Royal Blue (K106)
Clear (K7)		

Numerous other British Standard and special shades are also available from stock.

Other shades and gloss levels manufactured to customers order requirements subject to current minimum order size.

PACKAGE SIZES

Supplied in 5 litre lever lid cans and 25 litre drums.

COMPOSITION

Polyurethane alkyd with organic and/or inorganic pigments in an aliphatic hydrocarbon solvent. This product does not contain free isocyanates.

APPEARANCE WHEN DRY

Full gloss finish - as per shade

SHELF LIFE

12 months in original unopened container

SOLIDS BY WEIGHT

60% Typical

SOLIDS BY VOLUME

40% Typical

SPECIFIC GRAVITY

1.1 Typical - Will vary with shade

FLASH POINT

38°C (Abel Closed Cup)

VISCOSITY AS SUPPLIED

160 +/- 10 seconds (BS EN ISO 2431).

DRYING TIMES

Touch dry: 4 hours at 20°C

Dry for handling: 6 hours at 20°C

Hard dry: 8 - 10 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. For optimum protection prepared surfaces should be primed with a suitable anti-corrosive metal primer such as Crosbie Airspeed Zinc Phosphate QD Metal Primer. When applying to wood work, it should be clean and dry with a moisture content of 18 +/- 2% and primed with an Airspeed Wood Primer and an Airspeed Undercoat to suit the finish colour. Two coats of AIRSPEED 270 are recommended for optimum protection.

APPLICATION

AIRSPEED 270 polyurethane enamel may be applied by brush and spray.
Ready for use by brush.

Conventional air assisted spray - an addition of 10-15% by volume of Crosbie 800/001 Thinner may be required to achieve optimum atomisation viscosity. Atomising air pressure 40 - 60 PSI.

AIRSPEED 270 may also be applied by roller. An addition of Crosbie 800/001 Thinner may be required to achieve optimum application viscosity.

THEORETICAL COVERAGE

Applied at 12²m per litre will give a DFT of 35 μ , corresponding WFT 84 μ .
Losses on narrow section and bar may be considerable due to overspray.

OVERCOATING

May be overcoated with subsequent coats of AIRSPEED 270 after a minimum of 16 hours drying in favourable conditions.

SOLVENT FOR THINNING AND CLEANING EQUIPMENT

800/001 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 6.