

AIRSPPEED 272 QD POLYURETHANE

INTRODUCTION

A range of single pack polyurethane enamels for the finishing of plant, vehicles and machinery giving a 60 minute touch dry (at ambient temperature). Good gloss retention combined with rapid through drying and user friendly application properties allow for rapid premium quality finishing to be carried out giving a good appearance together with good weathering and durability.

AVAILABILITY

A wide range of popular shades are available from stock.

All RAL, BS5252 and BS381C shades, as well as a large number of OEM shades are supported via our tinting system. These are available in 5 litre quantities upwards.

Customers own shades can be matched subject to current minimum order size.

PACKAGE SIZES

Supplied in 5 litre lever lid cans and 25 litre drums. 20 litre pails and 200 litre barrels may be supplied on request.

COMPOSITION

Polyurethane alkyd with organic and/or inorganic pigments in a suitable aromatic hydrocarbon solvent. This product does not contain isocyanates.

APPEARANCE WHEN DRY

Gloss finish - as per shade.

Other gloss levels available on request.

SHELF LIFE

12 months in original unopened container

SOLIDS BY WEIGHT

50% Typical

SOLIDS BY VOLUME

42% Typical

SPECIFIC GRAVITY

1.05 Typical - Will vary with shade

FLASH POINT

>32°C (Abel Closed Cup)

VISCOSITY AS SUPPLIED

1.5 - 2.0 Poise (Cone and Plate @ 25°C).

DRYING TIMES

Touch dry: 60 - 90 minutes at 20°C

Dry for handling: 120 - 180 minutes at 20°C

Hard dry: 6 - 8 hours.

Tape up time: 16 hours minimum.

THEORETICAL COVERAGE

Applied at 10²m per litre will give a DFT of 42µ.

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

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. The preferred method of surface preparation is by abrasive blasting followed by a suitable priming system. 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 QD Universal Primer/Undercoat.

APPLICATION

Formulated for application by air assisted spray, air assisted airless spray and airless spray.

Air assisted spray, air assisted airless spray - an addition of 10% - 15% by volume of 800/001 or 800/0013 Thinner may be required to achieve optimum atomisation viscosity. Atomising air pressure 40 - 60 PSI.

Airless spray - tip size 11 - 13 thou minimum. Atomising pressure 2000 psi. Thinning not normally required.

Airspeed 272 QD Polyurethane may also be applied ready for use or for electrostatic spray as required. May also be brushed.

OVERCOATING

May be overcoated with subsequent coats either wet on wet or after a minimum of overnight drying.

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 179.