

AIRSPPEED 257 QD GLOSS FINISH

INTRODUCTION

A range of quick drying gloss finishes for plant, machinery, tools etc. giving a tough durable industrial finish with good build, gloss and drying times. AIRSPEED 257 when dried exhibits good resistance to oils, grease, detergent and mild solvents. AIRSPEED 257 can also be used as an anti-tracking enamel for application to electrical components such as motor casings.

AVAILABILITY

Supplied to customer requirements.

Numerous British Standard and special shades are available from stock.

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

PACKAGE SIZES

Supplied in 5 litre lever lid cans, 25 litre drums. Can be supplied in 20 litre pails or 200 litre barrels on request.

COMPOSITION

Short oil alkyd with a blend of organic and/or inorganic pigments in a suitable aromatic hydrocarbon solvent blend.

APPEARANCE WHEN DRY

Stock materials - Full gloss finish

SHELF LIFE

12 months minimum

SOLIDS BY WEIGHT

50% Typical

SOLIDS BY VOLUME

40% Typical

SPECIFIC GRAVITY

1.05 Typical - Will vary with shade

FLASH POINT

26°C (Abel Closed Cup)

VISCOSITY AS SUPPLIED

2.0 - 2.5 poise @ 25°C (Cone and Plate).

DRYING TIMES

Touch dry: 20 - 30 minutes at 20°C

Dry for handling: 60 - 80 minutes at 20°C

Hard dry: 6 - 8 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 800/002 Thinners, or a suitable de-greasing solution. Inferior surface preparation will almost certainly result in inferior coating performance. The preferred method of surface preparation is by abrasive blasting followed by a suitable priming system. For optimum protection prepared surfaces should be primed with a suitable anti-corrosive metal primer such as Airspeed Zinc Phosphate QD Metal Primer.

THEORETICAL COVERAGE

Applied at 12²m per litre will give a DFT of 33µ.

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

APPLICATION

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

Air assisted spray and air assisted airless spray - An addition of approximately 10 - 15% 800/002 Thinners will be required to achieve optimum application viscosity. Typical air atomising pressure 40 - 60 Psi.

Airless spray - A typical airless spray set up would be an atomising fluid pressure of 2000 Psi and a tip size of 11 - 13 thous. Thinning not normally required.

AIRSPEED 257 may also be supplied ready for use and may also be electrostatically sprayed with suitable modification to resistance and viscosity.

Small areas may be brushed if required.

OVERCOATING

Overcoating may be carried out either wet on wet, within 4 hours of application or after a minimum of overnight drying. Should overcoating occur at a later date, a small area should be tried prior to application to ascertain whether wrinkling of the film takes place.

SOLVENT FOR THINNING AND CLEANING EQUIPMENT

800/002 Thinners.

APPROVALS

AIRSPEED 257 complies to the requirements of BS5629 Part 1 Category 2.3 and also BS5629 Part 3 Category 1.1 when tested in accordance with the test methods described in BS5629 Part 2.

HEALTH AND SAFETY INFORMATION

This Data Sheet should be read in conjunction with Product Safety Data Sheet 146.

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.