AIRSPEED 300 QAD FINISHING ENAMEL

INTRODUCTION
A range of rapid air drying finishing enamels for plant, machinery, tools etc. giving a good build together with rapid through drying and lasting durability. The excellent application properties together with rapid drying enable high volumes to be painted and handled in a very short time. AIRSPEED 300 when dried exhibits good resistance to mild solvents and many lubricating oils.

AVAILABILITY
Supplied from stock in the following shades:-

BS4800 00E53 Black	BS381C 632 Dark Grey	BS381C 538 P.O. Red
BS4800 00E55 White	BS381C 356 Golden Yellow	BS381C 631 Light Grey

Numerous other British Standard and special shades are also 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 and 200 litre barrels.

COMPOSITION
Modified short oil alkyd medium with a blend of organic and/or inorganic pigments in a suitable aromatic hydrocarbon solvent.

APPEARANCE WHEN DRY
Stock materials - Full gloss finish

SHELF LIFE
12 months in original unopened container

SOLIDS BY WEIGHT
48% Typical

SOLIDS BY VOLUME
34% Typical

SPECIFIC GRAVITY
1·1 Typical - Will vary with shade

FLASH POINT
26°C (Abel Closed Cup)

VISCOSITY AS SUPPLIED
70 +/- 10 seconds (BS EN ISO 2431)

DRYING TIMES
Touch dry: 20 - 30 minutes at 20°C
Dry for handling: 60 minutes at 20°C
Hard dry: 4 - 6 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.

THEORETICAL COVERAGE
Applied at 10^2m per litre will give a DFT of 34µ, corresponding WFT 100µ.
Losses on narrow section and bar may be considerable due to overspray.

APPLICATION

Formulated for application by conventional air assisted spray. An addition of approximately 10% 800/002 Thinners will be required to achieve optimum application viscosity. Typical air atomising pressure 40 - 60 PSI.
AIRSPEED 300 may also be applied by airless spray. Atypical airless spray set up would be an atomising fluid pressure of 2000 psi and a tip size of 11 - 13 thou.
AIRSPEED 300 may also be electrostatically sprayed with suitable modification to resistance and viscosity.
Small areas may be brushed if required.

OVERCOATING

If overcoating is carried out this should be after touch dry has been achieved. There is no maximum overcoating period.

SOLVENT FOR THINNING AND CLEANING EQUIPMENT

800/002 Thinners.

APPROVALS

AIRSPEED 300 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.

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 1b.