

INSULDERM 501 ANTI TRACKING FINISHING ENAMEL

INTRODUCTION

A quick air drying anti tracking enamel for application to electrical components such as motor casings, giving good build together with rapid through drying, lasting durability and anti tracking properties. The excellent application properties together with rapid drying enable high production volumes to be painted and handled in a very short time. INSULDERM 501 when dry exhibits good resistance to mild solvents and many lubricating oils.

AVAILABILITY

Supplied from stock in Red and Grey.

PACKAGE SIZES

Supplied in 5 litre lever lid cans.

COMPOSITION

Modified short oil alkyd in an aromatic hydrocarbon solvent with organic and/or inorganic pigments.

APPEARANCE WHEN DRY

Full gloss as to shade.

SHELF LIFE

12 months minimum.

SOLIDS BY WEIGHT

50% - 60%

SOLIDS BY VOLUME

40% - 50%

SPECIFIC GRAVITY

1.00 - 1.25

FLASH POINT

26°C (Abel Closed Cup)

VISCOSITY AS SUPPLIED

250 - 300 secs (BS EN ISO 2431)

DRYING TIMES

| | | |
|------------------|---|-------------------------|
| Touch dry | - | 15 - 20 minutes at 20°C |
| Dry for handling | - | 20 - 30 minutes at 20°C |
| Hard dry | - | 4 - 6 hours at 20°C |

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 degreasing with 800/002 Thinner or a suitable degreasing solution. Inferior surface preparation will almost certainly result in inferior coating performance.

THEORETICAL COVERAGE

Applied at 12.6m² per litre will give a DFT of 30µ, corresponding WFT 80µ. 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% - 15% 800/002 Thinner will be required to achieve optimum application viscosity. Typical air atomising pressure 40 - 60 PSI. Small areas may be brushed.

OVERCOATING

If overcoating is carried out this should be within 4 hours of application. Should overcoating occur at a later date a small area should be tried prior to main application to ascertain whether wrinkling of the film takes place.

SOLVENT FOR THINNING AND CLEANING EQUIPMENT
800/002 Thinners

DI-ELECTRICAL PROPERTIES

Volts per 25 μ according to ASTM D115. Dry 2800 Wet 2680

APPROVALS

Conforms 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.

PRODUCT SAFETY INFORMATION

This data sheet should be read in conjunction with Product Safety Data Sheet 3

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.