

ACRYCOAT THERMOPLASTIC ACRYLIC PAINT

> Scope

Right from the day, chemists started using vegetable oils for making paints, they have been in search of a medium that can dry faster and remain non-yellowing. Alkyds were invented which dry faster than oils, but needed 4-6 hours for becoming tack free. Besides, they yellowed on ageing. Harder resins dried fast but remained brittle. Paints based on nitrocellulose dried really fast but tendency to yellow could not be stopped. The answer came with the discovery of thermoplastic acrylic. Paints made therewith, dried fast like N.C. and also remained non-yellowing. Acrycoat is based on a superior class of thermoplastic acrylic.

> Areas of Application

All types of metals and wood. For maintaining original colour of brass, bronze, copper, silver or wood, acrycoat clear only should be used.

> Surface Preparation

The surface must be free from rust/oil, in case of ferrous metals. Other metallic surfaces must be free from oxides and oils. The wooden surface should be well filled with Richwood Sanding Sealer.

> Technical Data

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- APPEARANCE : Almost water white liquid
- VISCOSITY : 60 to 70 seconds
 - WEIGHT PER LITRE : 0.93 ± 0.02 kg./ltr.
 - THINNER TO BE USED : Rosalee Thinner 101
 - SPRAYING VISCOSITY : 25 to 30 seconds
- BRUSHING VISCOSITY
- DRYING TIME : Touch dry
 - Surface dry : 20 to 25 min.

: N.A.

Hard dry : 24 hrs.

: 5 to 7 min.

- FLEXIBILITY : To pass 1/4" bending mandrel
- CROSS HATCH TEST : To pass
- PETROL RESISTANCE : No effect overnight.
- LUBRICATING OIL RESISTANCE: -do-
- DETERGENT RESISTANCE : Four hours : no effect
- ALCOHOL RESISTANCE : do-
- SALT SPRAY RESISTANCE : No effect upto 250 hours.
- YELLOWING TENDENCY : No change in colour when exposed to q panels Weather-o-meter for 500 hours.



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• GLOSS

: 20° geometry - minimum : 75

60° geometry - minimum : 90

> Mode of Application

- (a) Remove rust and oil from upon ferrous surfaces, using rustosan.
- (b) Remove oxides from upon other metals, using citric acid solution.
- (c) Fill up wood pores with Richwood Sanding Sealer.
- (d) Reduce the viscosity to spray or to brush using thinner.
- (e) Apply minimum three coats.

> Notes

Buffing is not required.

> Disclaimer

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