

PRODUCT CODE 5002
ROSALEE AIR DRY CUM STOVING PAINTS

Scope

Furniture enamels are different from normal synthetic enamels, as under:

- (a) Capability of stoving besides air-drying.
- (b) Possibility of getting better slip in shorter time.
- (c) Cheaper than normal first quality synthetic enamels.
- (d) By and large, application is done by spraying and hence spraying droplets should not bounce back, causing dry spray and rough finish.

Under current situation of electric power in the country, furniture enamels should be capable of air-drying (whenever power fails). They should also be capable of drying under heat (stoving) to prevent dust collection and for getting faster production. Alkyd-melamine stoving enamels are ideal but they do not air dry and are costlier.

Areas of Application

All furniture items made with mild steel like tubular chairs, tables, almirahs, filing cabinets and slotted angles.

Surface Preparation

Oil, grease and rust must be removed before commencing painting. This can best be done by using 7-tank phosphate system or by sand blasting. If for any reason, it is not possible to use either of the above said method, use should be made of rustosan. It must be ensured that no trace of liquid rustosan is left on the surface.

Technical Data

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| APPEARANCE | : Free flowing liquid in appropriate shade. |
| VISCOSITY | : 110 ± 10 sec. At 30o c. • SPRAYING VISCOSITY : 22 to 25 sec. |
| THINNER TO BE USED | : Synthetic thinner 011 |
| DRYING | : AIR DRIED : |
| Touch dry | : 15 minutes |
| Dust free | : 30 minutes |
| Thumb impression free | : 3 hours |
| Hard dry | : o/n |
| STOVING | : 30 min. After a flash off time of 10 min. @120o c. |
| WEIGHT PER LITRE | : 0.90 – 0.98 kg/ltr. |
| SCRATCH HARDNESS | : 1000 gms. After 24 hours |
| CROSS HATCH TEST | : Passes |
| FLEXIBILITY | : ¼” bending mandrel |
| PETROL & OIL RESISTANCE | : Very good |

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Directions for Use

(i) Clean the surface as directed above.

(ii) Apply a coat of good quality red oxide primer, preferably air-dry cum stoving type. Sand with 400 paper – wet sanding. When the primer film is dry, apply synthetic putty with circular motion of putty knife and allow drying for at least 4-5 hours. Wet sand the putty film, using a fine paper.

(iii) Apply one more coat (thin) of primer to prevent absorption of paint by the putty film. Wet sand once again.

(iv) Apply the final coat of air-drying cum stoving enamel, wet on wet three coats. It can be allowed to air dry or stove at 120o c for 30 minutes.

Notes

Some consumers demand orange peel finish on furniture. The effect can be achieved by using higher pressure and by keeping the enamel viscosity slightly higher.

The Product is for Industrial use only. Product data given here *is correct to the best of our knowledge but their accuracy may vary depending upon the quality of the substrate, application parameters and atmospheric conditions affecting the performance of the product. Therefore the users are advised to make their own tests to determine the suitability of products for their own purposes under present conditions. Unless agreed upon in writing, we do not accept any liability for the performance of the product. We hereby disclaim any warranties or representations, liability, including but not limited to negligence, injury, consequential losses or damages arising from the use of the Products as recommended above. Product data are subject to change without notice.*

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PRODUCT DATA SHEET

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