

Manufacturer of Industrial, Protective, Marine Traffic, Automotive & Decorative Paints



Stoving Alkyd Melamine Varnish

KRS-640



Description & Recommended Use

Stoving alkyd varnish is a one component coating. This varnish base on alkyd resin and melanin formaldehyde resin. It provides reasonable heat resistance abrasion & scratching resistance as well as resistance against chemical spillages. It can be used for metal & steel surfaces such as bikes and motorcycles, refrigerator, washing machine, boiler and cars.

Surface Preparation

The surface should be free from any rust, moisture, mill scale, oil & grease Mechanical & chemical surface preparation methods should be performed depending on the type of contamination, the coating system environ mental condition & the service life Apply the paint immediately followed by surface preparation

Data Sheet / Technical Data at 25 ° C

| Binder | alkyd -melamine |
|----------------------------------|---------------------|
| Components | one |
| Colour | colourless |
| Finish | gloss |
| Density (gr/cm3) (A+B) | 0/97±0.05 |
| Sold Contents (by weight) (A+B) | 40%±2 |
| Solid Contents (by volume) (A+B) | 33%±3 |
| Dry film thickness(µ) | 30±40 μ |
| Theoretical coverage at 50µ | 11 m2/lit |
| Flash point | 21°C |
| Storage condition | Store in dry & cool |
| | |

Technical Application Details at 25 ° C

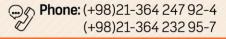
| Curing mechanism | oxidation & solvent release |
|---------------------------------|--|
| Mixing ratio (by weight) (A/B) | |
| Mixing ratio (by volume) (A/B) | ····· |
| Pot life | |
| Thinner | 355 |
| Stoving condition | 20-30min. at 150 ° C ± 10 ° C |
| Min. flash – off | 15 min |
| Min. time to overcoat | · · · · · · · · · · · · · · · · · · · |
| Max. time to overcoat | · · |
| Shelf life (Standard condition) | 9 Month |
| | |

Description

Application Equipment Conventional Spray Airless Spray Brush Pump ratio: 28:1



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Tip: 0.38 mm-0.53 mm Nozzle pressure: 150 bar/ 2200 psi

Code

<u>Environmental Conditions</u> Air temperature: 10°C – 40°C Surface temperature: 10°C – 40°C To prevent moisture condensation During application surface temperature must be at 3 °C above the dew point

Application procedure

Flush equipment with cleaner before use Stir two components with a power mixer. Notice pot life time and mixing ratio Use Shakiba's thinner for adjusting the viscosity The thinner should be added gradually The consumption depends on temperature and type of equipment and thickness paint Clean all equipment with Shakiba's thinner

Safety

This product is flammable it must be kept away from heat, flash & flame keep container closed use with adequate ventilation & Earth Prolonged & repeated contact with skin may be harmful In case of eye contact flush with plenty of water and check with a medical doctor.

Note

Never apply coatings under environmental condition.

Adjusting the viscosity & pressure.

This information given 25°C temperature and changed temperature cause to change data Don't use different thinner; otherwise, we decline all responsibilities of it. For more information, please call to sale engineering expert.



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