



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



Stoving Alkyd Melamine TopCoat

KRS-612



Description & Recommended Use

Stoving alkyd melamine topcoat is a one component coating. This paint base on alkyd resin & melamine formaldehyde resin. The gloss of this product is high and stable; it has high resistance to moisture, water, petrol oil and grease. Excellent good resistance to heat after baking, it is not recommended to use. It can be used for metal & steel surfaces such as bikes and motor bikes refrigerator. Washing machine, Boiler & 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	white (according to order)
Finish	gloss
Density (gr/cm ³) (A+B)	1/24±0.05
Sold Contents (by weight) (A+B)	60%±2
Solid Contents (by volume) (A+B)	45%±3
Dry film thickness(μ)	35±50 μ
Theoretical coverage at 50μ	9 m ² /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	35
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



Factory: No727, Aven. Afra, Abas abad industrial state
Boostan Ave, Velenjak St, Tehran, IRAN



Phone: (+98)21-364 247 92-4
(+98)21-364 232 95-7



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Tip: 0.38 mm-0.53 mm

Nozzle pressure: 150 bar/ 2200 psi

Code

Environmental Conditions

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

Density, solid contents theoretical coverage is dependent on colour

Drying time is dependent on air and steel temperature, applied film thickness.

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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