



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

AMA
BRS™
ISO 9001
HSE - ISO 14001
ISO 45001

Varnish Alkyd KRS-104



Description & Recommended Use

Varnish alkyd is a one component coating. This product is a clear coat based on alkyd resin suitable for decorating & protecting wood made articles. It is easy to clean & resistant to humidity. This product is usually used for both interior & exterior wood works.

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 environmental condition & the service life

Apply the paint immediately followed by surface preparation

Data Sheet / Technical Data at 25 ° C

Binder	alkyd
Components	One
Colour	colourless
Finish	gloss
Density (gr/cm ³) (A+B)	0.95±0.05
Sold Contents (by weight) (A+B)	50%±2
Solid Contents (by volume) (A+B)	48%±3
Dry film thickness(μ)	50±70 μ
Theoretical coverage at 50μ	8 m ² /lit
Flash point	38 ° 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)	----
Thinner	1101
Dry to touch	4 hours
Dry to handle	12 hours
Fully cured	one week
Min. time to overcoat	16 hours
Max. time to overcoat	2 weeks
Shelf life (Standard condition)	12 Month

Description

Application Equipment

Conventional Spray

Airless Spray

Brush

Pump ratio: 28:1

Tip: 0.38 mm-0.53 mm



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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

Drying time is dependent on air and applied film thickness.

Never apply coatings under environmental condition.

Adjusting the viscosity & pressure.

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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