



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



Varnish Polyurethane

KRS-504



Description & Recommended Use

Varnish Polyurethane is a two-component coating.

This product has good transparency. High gloss retention. Resistance against UV. as well as proper hardness & adhesion.

Polyurethane varnish is used for protective in a wide variety of outdoor and indoor applications such as buildings and etc. It is normally applied over epoxy mid coats.

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	acrylic polyurethane
Components	Two
Colour	colourless
Finish	gloss
Density (gr/cm ³) (A+B)	0.94±0.05
solid Contents (by weight) (A+B)	36%±2
Solid Contents (by volume) (A+B)	30%±3
Dry film thickness(μ)	40±50 μ
Theoretical coverage at 50μ	7.5 m ² /lit
Flash point	20 ° C
Storage condition	Store in dry & cool

Technical Application Details at 25 ° C

Curing mechanism	Chemical reaction & solvent release
Mixing ratio (by weight) (A/B)	5.1
Mixing ratio (by volume) (A/B)	5.1
Pot life	8 hour
Thinner	492
Dry to touch	1 hours
Dry to handle	12 hours
Fully cured	----
Min. time to overcoat	----
Max. time to overcoat	----
Shelf life (Standard condition)	8 Month

Description

Application Equipment

Conventional Spray

Airless Spray



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





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



Brush

Pump ratio: 28:1

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 recommended cleaner before use

Stir component A (base) with a Power Mixer.

Add hardener to base in the proper Mixing continue stirring for 5-10 Minutes.

After 20 – 30 minutes add Shakiba's thinner for ready to use

Use Shakiba's thinner for adjusting the viscosity.

The consumption depends on temperature & type of equipment & thickness paint.

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

Pot life, drying time is dependent on air and steel temperature, applied film thickness.

Never apply coatings under environmental condition.

Adjusting the viscosity & pressure. For better adhesion on un steel, we offer wash primer as on under.

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.



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

