



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

AVA™
BRS ISO 9001
HSE - ISO 14001
ISO 45001

Industrial Vinyl Top Coatings

KRS-401



Description & Recommended Use

Vinyl topcoat is a one component coating.

This paint has good adhesion, hardness and gloss retention. This product with good resistant to mild acid or alkaline splashing specifically designed for steel Structures in industrial environments.

It also shows reasonable weather resistance as well as resistance against fresh and salt containing water.

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

For ferrous & Steel use blast in accordance with sa2 or sa2 ½ & remove all the abrasive residues & dust from the surface after sandblasting.

Data Sheet / Technical Data at 25 ° C

Binder	vinyl
Components	one
Colour	according to order
Finish	semi gloss - gloss
Density (gr/cm ³) (A+B)	1.2±0.05
solid Contents (by weight) (A+B)	49%±2
Solid Contents (by volume) (A+B)	32%±3
Dry film thickness(μ)	40-50 μ
Theoretical coverage at 50μ	6.4 m ² /lit
Flash point	21 ° 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)	----
Mixing ratio (by volume) (A/B)	----
Stoving condition	20-30 min at 150 ° C±10 ° C
Thinner	8500
Dry to touch	1 hour
Dry to handle	24 hours
Fully cured	one week
Min. time to overcoat	24 hours
Max. time to overcoat	----
Shelf life (Standard condition)	6 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



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Brush (for corners)
Pump ratio: 28:1
Tip: 0.38 mm-0.53 mm

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 paint with a Power Mixer.

Use Shakiba's thinner for adjusting the viscosity.

The thinner should be added gradually.

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



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