



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

AMA
BRS™
ISO 9001
HSE - ISO 14001
ISO 45001

Wash Primer KRS-400



Description & Recommended Use

Wash primer is a two-component coating.

It is used as a pre-treatment coating on clean and unpainted ferrous & non-ferrous substrates such as aluminium, copper, tin, cadmium, zinc, brass & galvanized steel. Prior to applying the new coating system in order to increase adhesion and corrosion resistance. As a result, we offer wash primer as connection factor between paint and surface and it can also be used as an under coat.

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	polyvinyl butyral
Components	two
Colour	yellow
Finish	flat
Density (gr/cm ³) (A+B)	1±0.05
sold Contents (by weight) (A+B)	30%±2
Solid Contents (by volume) (A+B)	12%±3
Dry film thickness(μ)	10-15 μ
Theoretical coverage at 50μ	8 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)	3.6/1
Mixing ratio (by volume) (A/B)	3.8/1
Pot life	8 hours
Thinner	1001
Dry to touch	15 min
Dry to handle	4.5 hours
Fully cured	one week
Min. time to overcoat	8 hours
Max. time to overcoat	two weeks
Shelf life (Standard condition)	6 Month

Description

Application Equipment

Conventional Spray



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Brush Pump ratio: 28:1

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 20-30 Minutes.

After 30 minutes add Shakiba's Thinner until colour change from yellow-to-yellow green, then wash primer is 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.

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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