



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

AMA
BRS™
ISO 9001
HSE - ISO 14001
ISO 45001

Polyester Melamine Paint KRS-710



Description & Recommended Use

This paint is a 'one component' paint base on polyester melamine resin which its film was formed by curing in a stove. After film formation it has good adhesion and appearance and resistance against scratch, moisture and atmospheric condition. This product applied on steel surfaces, appliance, machineries and etc.

Surface Preparation

The surface should be free from any rust, moisture, mill scale, oil and grease.

If the surface is smooth, it should rub by sand paper.

Mechanical and chemical surface preparation methods should be performed depending on the type of contamination, the coating system, environmental condition and service life.

The damaged area of primer and subsequent layer should repair.

Apply the paint immediately followed by surface preparation.

Data Sheet / Technical Data at 25 ° C

Binder	acrylic-melamine
Components	one
Colour	white (according to order)
Finish	gloss
Density (gr/cm ³) (A+B)	1.5±0.05
sold Contents (by weight) (A+B)	63%±2
Solid Contents (by volume) (A+B)	45%±3
Dry film thickness(μ)	50±5 μ
Theoretical coverage at 50μ	9±0.4 m ² /lit
Flash point	25 ° C
Storage condition	12 Month
Stoving condition	30 min at 140°C

Technical Application Details at 25 ° C

Curing mechanism	Chemical reaction & solvent release
Mixing ratio (by weight) (A/B)	----
Mixing ratio (by volume) (A/B)	----
Pot life	----
Thinner	7000
Dry to touch	1 hours
Dry to handle	16 hours
Fully cured	20 min at 160°C
Min. time to overcoat	----
Max. time to overcoat	6 Month
Shelf life (Standard condition)	15 min

Description

Application Equipment

Conventional Spray



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Airless Spray
Brush

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 paint with a power mixer

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

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.



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