

ALISYN-AS

Aliphatic Acrylic Enamel

DESCRIPTION

ALISYN-AS Aliphatic Acrylic Enamel is a 2K (Two Components) finishing, based on aliphatic polyurethane, offering high mechanical and chemical resistance and great light stability.

COMPONENTS

COMPONENT A: ALISYN-AS Enamel Resin
Mixture of pigments, resins and organic solvent based additives

COMPONENT B: ALISYN-AS Enamel Catalyst
Aliphatic Polyisocyanate Dissolution

APPLICATIONS AND PROPERTIES

Suitable for painting parkings, industrial areas and in any soil that requires a high mechanical and chemical resistance and food service atmosphere.

The obtained films possess a permanent elasticity without tendency to fragility or exfoliation.

- Very good weather resistance.
- High hardness and excellent flexibility.
- High abrasion resistance.
- Excellent color and gloss stability.
- Available colours: according to chart.
- Diluent: DISOLVENTE1-FA
- Dilution: 5% brush-roller; 10% airless (depending on the substrate support)

SUBSTRATE CONDITIONS

The surfaces should be clean and dry. It is important that the application is carried out over dew point temperatures in order to avoid condensations. The environment temperature recommended during the curing time should not be under 5°C.

The relative humidity must not exceed 75%.

The substrate must be previously treated with Synthox-FA.

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COMPONENTS CHARACTERISTICS

Characteristics	Unit	ALISYN-AS Resin	ALISYN-AS Catalyst
Specific weight 25°C	g/cm ³	1,24	1,036
NVOC	%	70,8	60
Flash Point	°C	30,8	30,6

SYSTEM CHARACTERISTICS

A / B mixing ratio: 100 / 25 ±2 in weight

Characteristics	Unit	Alisyn-AS Aliphatic Acrylic Enamel
Specific gravity	g/cm ³	1,24
Ford Cup Viscosity (4)	Seconds	70
Adherence ASTM	%	100
Finishing	-	Brilliant
Brightness	%	90
Dry, to touch at 20°C	Hours	4
Yield per layer according to substrate	m ² /Kg	8 – 10
Layer thickness	Micron	45
Recoating range	Hours	Min. 8 Max. 48

For practical yield calculations the product loss percentages due surface irregularities, applications systems, etc. should always be considered.

Solvent additions proportionally modify the solids content of the paint and so the necessary humid film thickness.

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PRODUCT APPLICATION

Completely mix the product before use and apply with a short pile roller.

Due to the composition of the product it can be used as auto-primer for two-layer processes taking into account the preparation of the support.

If the substrate was already treated with a base and the recoating period has been over lapsed it would be necessary to provide a certain roughness to the surface and to enhance a greater between layers.

Provide adequate ventilation in enclosed spaces during product application and drying.

STORAGE RECOMMENDATIONS

At temperatures between 5°C-35°C the product has a shelf-life one year maximum if unopened.

SAFETY RECOMMENDATIONS

Contains aromatic hydrocarbons. Avoid direct contact with skin and eyes; do not swallow. Keep buckets perfectly closed and only use spray-gun for the application in well ventilated places. Use suitable personal protection equipment during the application. Follow the recommendations provided in the Safety Data Sheet of the product.

SUPPLY

ALISYN-AS Aliphatic Acrylic Enamel is served in 750 cm³, 5 kg and 20 kg drums.