

ALKYD PAINT E 5071

Product Description

One-component airy drying alkyd paint.

Use

Decorative protection of wood surfaces, not primed or preliminary primed.

Decorative protection of metal surfaces, preliminary primed and exposed under normal atmospheric conditions, both indoors and outdoors, excluding highly aggressive conditions.

Properties

Satin coating;

Colours

RAL colours

Technical parameters	Test ,ethods	Values
Solid content	SR ISO 3251/2003	min 40%
Density	BNS EN ISO 2811-1	1,08 ÷ 1,22g/sm ³
Flash point	ISO 2719:2016	42°C
VOC values	BNS EN ISO11890-1:2008	max 500g/l

Recommended thickness of layer

Dry film	30 - 40 µm
Wet film	75 - 85 µm
Theoretic consumption	140-160g/m ²

Thickness of wet film more then 85 µm for one layer is an obstacle for delay drying and wrinkling of the film.

Substrates & Surface preparation

To achieve maximum adhesion and durability of the system, the surface preparation must comply with the following requirements:

Surface	Minimum	Recommended
Ferrous metals	Rust cleaning with sandblasting or blasting, up to Grade St2, according to ISO 8501-1	Rust cleaning with sandblasting or blasting, up to Grade Sa 2 ½, according to ISO 8501-1
	Cleaning, drying and no visible surface injuries according to ISO 12944-4 6.1	

Metal surfaces - Priming with **Alkyd primer for ferrous metals** with thickness of dry film 50 -55µm.

Alkyd paint E 5071 is applied up to two hours after application of primer or after 48 hours.

In case the application is made at lower temperatures then 15°C , Alkyd paint E 5071 should be applied up to two hours after primer or after 72 hours.

Application equipment and Application Conditions

Machine equipment: with conventional spray

Ambient temperature from 10 to 25 °C

Humidity of the environment , max 65%

Information on nozzles and pressure for machine application

Conventional Spray nozzle - 1.3-1.4 mm; pressure - 3-4 atm;

Thinning and cleaning of tools

Conventional spray - Up to 5% with Thinner AMB

Drying and Curing Schedule

Drying type - air drying

At temperature	10°C	23°C
Surface drying	> 8 h	8 h
Full drying		24 h

The times mentioned in the above table are measured in a laboratory environment at a controlled temperature and air humidity. Depending on different application environments these values may vary.

Surface Drying - time necessary for touch dry

Product compatability

Depending on the actual exposure of the system, the product is recommended in a system with different primers.

For other types of coatings or special requirements, please contact us.

Packaging

Metal package 20kg,

Package size of 18L and 20L concerns tinted product.

Depending on the colour of the product and customer`s request, packages may vary.

Storage

The product should be stored in closed, dry and fire-proof warehouses and premises at a temperature of not more than 30 ° C. Do not expose to direct sunlight. Keep out of reach of children!

Shelf life:

12 months from production date in factory-sealed package.

Safety

According to safety data sheet (MSDS).



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