

POLYURETHANE PAINT - TOPCOAT

Two components paints
Version: 1

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TDS EU/EN

Technical Data Sheet

POLYURETHANE PAINT - TOPCOAT

Description and Basic Properties

It is a two-component, polyurethane; Solvent based special paint for panel door. It supplies a slippery and semi-matt appearance to the application surface. Because of polyurethane structure, it is hard, flexible and resist to stretching, water, detergent and other chemicals. It is used as panel door coat in furniture industry. It has high coating ability so according to user choice it can be used without primer. It is used after polyurethane and cellulosic primer application.

Properties of Liquid

<u>Properties</u>	<u>Unit</u>	<u>Deviation</u>	<u>Value</u>
Appearance	-	-	Cream
Density, 20 °C	gr/cm ³	± 0,01	1,315
Viscosity , 25 °Brookfield	KU	± 5	85
Solid	%	± 1	64
Glossiness , 60 °	Gloss	± 5	40-45
Shelf life, 25°C	hour	-	4
Touch drying time, 20 °C	minute	-	25-30
Hard drying	hour	-	24
Powder Drying	minute	-	2-3
Consumption	m ² /kg	-	8-10

Application

Pistole, suitable sandpaper for surface condition, protective gloves, goggles, masks should be used. Application undercoated surface should be sanded with a thin sandpaper and surface should be free from dust, oil or other contaminations. It should be mixed well before usage. Prepared mixture of specified proportions, after resting for 5-10 minutes, 1-2 cross-layer is applied. Between floors min. 30 minutes should be waited. Excess paint, which is hardener, was added should not be poured in to the paint which is hardener was not added. <+ 5 °C and > +45 °C atmosphere temperature is not suitable for application. Mixture should be used in max. 4 hours after prepared.



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Mixing Ratio

PREMIER PU Panel Door Paint 1113.....100 unit PREMIER PU Panel Door
Paint Hardener.....25 unit
P.U. Thinner.....25-30 unit

When Premier Polyurethane Panel Door Paint 1113 mixture is prepared as explanation, application viscosity is (25°C DIN 4), 14- 15 seconds.

Approximately 8-10 m² area can be covered with 30-35 microns dry film thickness. This coverage may vary according to kind of wood, surface roughness and absorption.

Safety and Risk Phrases

- R10 : Flammable.
- R20 : Harmful by inhalation.
- R21 : Harmful in contact with skin.
- R22 : Harmful if swallowed.
- S2 : Keep out of the reach of children
- S3 : Keep in a cool place.
- S7 : Keep container tightly closed.
- S9 : Keep container in a well-ventilated place.
- S16 : Keep away from sources of ignition.
- S51 : Use only in well-ventilated areas.

Storage Guidelines

It must be stored in unopened package, dry, clean and away from sunlight conditions. Products with the same charge numbers must be stored all together. Don't hoard the packages one on top of each other over than 3 layers. Specified storage conditions and in original packaging, store in the dark period is 1 year.

These information's are prepared by regarding general conditions. Rozachim AD is not responsible for any problem which due to lack of information.