

POLYURETHANE TOPCOAT MATT SERIES

VP508.XX.0000



Read the technical data sheet

PRODUCT DESCRIPTION

VP508.XX is a two component polyurethane based, matt top coat varnish.

FEATURES

- High film thickness
- Homogeneous matt appearance
- Soft touch
- High scratch resistance



Stir

RECOMMENDED USES

It can be used on all kinds of wooden surfaces for indoor furniture and decoration works in order to provide protection and decorative appearance.

PRODUCT SPECIFICATIONS

Product Type : Polyurethane

Viscosity

1.component (20°C, DIN4) : 70 - 80 "

Specific Gravity (kg/l)

1.component : 1,00 - 1,06
2.component : 0,97 ± 0,03

Solid Content (% by weight)

1.component : 51 ± 2
2.component : 32 ± 2

Coverage* (m²/l) : 9 - 11

*30-35µ dry film thickness

Recommended Application : 100 (for one coat)

Weight (g/m²)

It depends on application method, seasonal conditions and surface properties.

Drying Time (20°C, 45-65 % RH, 100 g/m², single coat)

Dust free : 8 - 10 min
Touch dry : 20 - 25 min
Stacking (500 kg / m²) : 2 - 3 h
Stacking (1000 kg / m²) : 4 - 5 h

COLOR & GLOSS OPTIONS

Product	Product Code
PU Matt Varnish	VP508.15
PU Special Matt Varnish	VP508.25
PU Silk Matt Varnish	VP508.45
Color	Color Code
Transparent	0000

SURFACE PREPARATION

It is recommended to apply to polyurethane, polyester or UV sanded surfaces and sanded surfaces with 220-400 grit sandpaper.

MIXING RATIO

Description	Code	by weight (%)	by volume (%)
Polyurethane Top coat	VP508.XX	100	100
Polyurethane Hardener	HP129	50	50
Polyurethane Thinner	TP100	25	30

Before usage, stir well and check homogeneity.

* When the specified mixing ratios are obeyed, the application viscosity is 13-16" (DIN4, 20 °C).

Pot Life, h (20 °C) : 5

ALTERNATIVE HARDENERS & THINNERS

Thinner - TA500 : It can be preferred in hot and/or humid weather conditions.

APPLICATION

To be applied one or two coats in wet form. If two layers are to be applied, the first coat should be applied 50-80 g/m², the second coat should be applied 100-120 g/m² and 10-15 minutes between coats should be expected.

Application Equipment

Spray Gun
Airmix Spray

STORAGE & HANDLING

Store in a cool, dry place and away from heat.

Close all containers after use.

Shelf life is 2 years if stored under specified conditions.

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HEALTH & SAFETY

For full Health and Safety information, please refer to Safety Data Sheet

Gloves and suitable protective equipment must be worn while using these products.

Good ventilation must be provided in the working environment.

It is flammable and inflammable. No smoking during use and should be applied away from heat, fire and sparking devices

WARNING

Products are recommended for use under temperature conditions 10-32°C for surface, product and environment. Relative humidity should be between 45-65 % during application and drying time. Low temperatures, poor air circulation or high humidity will extend dry times and they also can affect product performance negatively.

To obtain a uniform gloss level, it is extremely important to stir 1. comp. well before each application, preferably using a spatula.

Application equipment should be cleaned with cellulosic thinner after application.

TRANSPORT INFORMATION

Freight Classification : Varnish

Packaging : **VP508.XX** **HP129**
10 L 5 L
2,5 L 1,25 L