

## POLYURETHANE SUPER GLOSS VARNISH

VP500.00.0000



Read the technical data sheet

### PRODUCT DESCRIPTION

**VP500.00** is a polyurethane based, two component, high gloss topcoat varnish.

### FEATURES

- High and stable brightness
- Scratch and impact resistance
- High film thickness
- Good hardness



Stir

### RECOMMENDED USES

It is used for furniture and decoration works for interior use, to provide protection and decorative appearance on all kinds of wooden surfaces such as massive and veneer.

### PRODUCT SPECIFICATIONS

**Product Type** : Polyurethane

#### Viscosity

1.component (25°C, FORD4) : 50 - 60 "  
1+2.component (25°C, FORD4) : 10 - 15 "

#### Specific Gravity (kg/l)

1.component : 1,000 ± 0,03  
2.component : 0,975 ± 0,03

#### Solid Content (% by weight)

1.component : 56 ± 2  
2.component : 30 ± 2

**Coverage\* (m<sup>2</sup>/l)** : 10 - 12

\*30-35µ dry film thickness

**Recommended Application** : 100 (for one coat)

#### Weight (g/m<sup>2</sup>)

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

#### Drying Time (20°C, 45-65 % RH, 100 g/m<sup>2</sup>, single coat)

Dust free : 20 - 25 min  
Touch dry : 70 - 80 min  
Stacking (500 kg / m<sup>2</sup>) : 16 - 17 h  
Stacking (1000 kg / m<sup>2</sup>) : 40 - 44 h

### COLOR & GLOSS OPTIONS

Product	Product Code
Super gloss topcoat	VP500.00

\*Other gloss are available according to orders.

Color	Color Code
Transparent	0000

### SURFACE PREPARATION

To be applied on previously sanded surfaces which are pre-coated with Genç Polyurethane Sanding Sealers, Genç UV or Genç Polyester Sanding Selaer. Surface must be clean and dust free; remove all dirt (dust, wax etc.).

### MIXING RATIOS

Description	Code	by weight (%)	by volume (%)
Polyurethane Super Gloss Varnish	VP500.00	100	100
Polyurethane Hardener	HP900	100	102
Polyurethane Thinner	TP100	0 - 5	0 - 6

Before use, it should be homogenized by mixing well in its packaging.

**Pot Life, h (20°C)** : 11

\* When the specified mixing ratios are obeyed, the application viscosity is 13-16".

### ALTERNATIVE HARDENERS & THINNERS

Thinner - TA500: Preferable in summer.

PU Retarder - TP541: It can be preferred in summer to prevent pin holes.

### APPLICATION

To be applied two coats. 15 to 30 minutes are recommended between coats. Genç Polyurethane Gloss Varnish can be used with the Gençmix color adapter (ZD900) if it requires light tinting.

#### Application Equipment

Spray Gun  
Airmix Spray

\* Ask technical support for curtain coater application.

### 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

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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

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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.

Application equipment should be cleaned with cellulosic thinner after application.

### TRANSPORT INFORMATION

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**Freight Classification** : Varnish

**Packaging** : **VP500.00 HP900**  
12 kg      12 kg  
3 kg      3 kg