

POLYURETHANE MATT SERIES WHITE TOPCOAT

BP580.XX.1000



Read the technical data sheet

PRODUCT DESCRIPTION

BP580.XX is a polyurethane based, two component, matte white topcoat.

FEATURES

- Fast drying
- Very good levelling
- High yellowing resistance
- High hiding power



Stir

RECOMMENDED USES

It is used for furniture and decoration works, to provide protection and decorative appearance on all types of wooden surfaces such as massive and MDF. Especially recommended for use in bathrooms, kitchen cabinets, doors, other furniture.

PRODUCT SPECIFICATIONS

Product Type	: Polyurethane
Viscosity	
1.component (25°C, KU)	: 85-98
1+2.component (20°C, DIN4)	: 20-25 "
Specific Gravity (kg/l)	
1.component	: 1,310 ± 0,05
2.component	: 0,950 ± 0,03
Solid Content (% by weight)	
1.component	: 69 ± 2
2.component	: 26 ± 2
Coverage* (m²/l)	: 7,5 - 9
<i>*30-35µ dry film thickness</i>	
Recommended Application	: 100-120 (for one coat)
Weight (g/m²)	
<i>It depends on application method, seasonal conditions and surface properties.</i>	
Drying Time (20°C, 45-65 % RH, 100 g/m², single coat)	
Dust free	: 15 - 20 min
Touch dry	: 45 - 60 min
Stacking (500 kg / m ²)	: 3 - 4 h
Stacking (1000 kg / m ²)	: 4 - 5 h

COLOR & GLOSS OPTIONS

Product	Product Code
Polyurethane Matt Paint	BP580.10
Polyurethane Special Matte	BP580.25
Polyurethane Matt Paint	BP580.30
Polyurethane Matt Paint	BP580.35

**Other gloss are available according to orders.*

Color	Color Code
White	1000

SURFACE PREPARATION

To be applied on polyurethane, polyester or UV white basecoat which are preferably sanded with 220-280-400 or 280-400 grit sandpaper respectively.

MIXING RATIOS

Description	Code	by weight (%)	by volume (%)
Polyurethane Topcoat	BP580.XX.1000	100	100
Polyurethane Hardener	HP580	50	70
Polyurethane Thinner	TP100	20	30

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

Pot Life, h (20 °C) : 7

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

ALTERNATIVE HARDENERS & THINNERS

Hardener - HP120: Can be used as an alternative hardener.

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

Thinner - TP541: It can be added 2-5% in thinned topcoat in summer.

APPLICATION

One or two coat application is recommended. If two coats are to be applied, it is recommended to apply 60 - 70 g/m² for the first coat and 100 - 120 g/m² second coat after 10 - 15 minutes.

Application Equipment

Conventional spray gun

Airmix Spray

STORAGE & HANDLING

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

Close all containers after use.

Shelf life is 1 years if stored under specified conditions.

Data provided on this Technical Data Sheet correspond to our best knowledge and experience. We assure consistency on the chemical-physical characteristics of our products, within the tolerance limits specified on our Technical Data Sheets. Responsibility of final result of product application is fully up to the users, who shall make sure that the product corresponds to their own needs with regard to application system, to substrates used as well as to working 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.

Application equipment should be cleaned with cellulosic thinner after application.

TRANSPORT INFORMATION

Freight Classification : Paint

Packaging : **BP580.XX HP580**
3 kg 1,5 kg
12 kg 6 kg