PU. MILLENIUM MATT WHITE

PT42109920

FIELD of USE

PU Matt Topcoat Paint enabling resistance to yellowing, high filling power and perfect leveling.

PU Matt White Topcoat designed for the properties such as good leveling of the surface, filling of the edges, resistance to light, chemical reagents and scratch and high pigmentation.

Thanks to its specific properties, especially favorable in kitchen and bathroom furniture.

Can be applied on PU primer, UV curable polyacrylic or polyester.

Although the product is non-yellowing, it is not recommended to be used garden furniture, doors and windows that are directly exposed to sun-light and atmospheric conditions.

APPLICATION GUIDELINES

Mixing ratio of the product is 2:1 by weight with the PU Mat Paint Hardener PK6225. Should be well mixed until a homogenous mixture is achieved.

Can be applied with airless, air mix equipments or spray guns. Applied with conventional air gun at 1,8-2 mm nozzle and 2,5-3 atm pressure. For airmix gun, it is essential to use 0,4-0,5 mm nuzzle, 3 atm product pressure and 3 atm air pressure.

TECHNICAL CHARACTERISTICS

Pot Life		**: 4 hours**
Dust dry	**(120 µ, surface temp. 25°C)**	**: 60 min.**
Touch dry	**(120 µ, surface temp. 25°C)**	**: 90 min.**
Hard Dry	**(120 µ, surface temp. 25°C)**	**: 4-5 hours**
Stacking		**: min 24 hours**
Latency Time between layers	**(without sanding)**	**: 30-60 min.**
Latency Time between layers	**(with sanding)**	**: 5 hours**
Recommended Amount of Application		**: 140-200 g/m^2**
Gloss		**: 8 - 10 gloss**
Shelf Life		**: 12 months**
Mixture Viscosity	**(25°C)**	**: 16-20 sec. DIN4**

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Density	**(25ºC)**	**: 1.33 – 1.38 g/cm^3**
Solid Content %	**(150ºC, 1 hr)**	**: 68 - 71%**
Solid Content of Hardener	**(150ºC, 1 hr)**	**: 23 - 25%**

RECOMMENDED APPLICATION PROCESS and PRACTICAL ADVICE

Before the application of topcoat paint, the surface must be sanded with 320-400 to achieve the best adherence. The surface must also be cleaned away any dust or impurity such as grease, silicone or remaining varnish.

During the drying of the product, there should be no air current since it might cause problems in aspect such as orange peel and uneven leveling. Occasionally in pressurized cabinets, air might come directly on the surface and cause defects. This should be taken in consideration.

Recommended environmental conditions during application are as follows:

- Temperature : 10-25ºC
- Relative Humidity : %50-75

RECOMMENDED THINNERS

The choice and the amount of the thinner depend on the system of application and the environmental conditions. Generally:

- **TH135 :** PU Thinner 35 (Warm climate)
- **TH130 :** PU Thinner 30 (Hot climate)

SAFETY and PRECAUTIONS

The recommended storage temperature is between 5 and 35°C, and the packaging should not be directly exposed to sunlight.

Shelf Life:12 months.

It is highly recommended to consult the safety data sheet to fully understand the hazards and toxicity contents before using the product.

Because of different working conditions, all the information aforementioned must be adapted to the user's production and handling.

İba.Valresa guarantees the quality of its products in accordance with The Terms and Conditions of Sales and Supply.

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Note: the aforementioned data and the advices we give verbally, in writing or through tests, have been carried out following our loyal knowledge and mind, nevertheless they are considered as mere advices and indications without any obligation, and also with regard to the possible third party industrial property rights.

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