



UVIPRIME # 4000

General Description:

UVIPRIME # 4000 is a UV pigmented radiation curable basecoat based on modified acrylic resin and reactive monomer. It provides fast curing; good sandability, excellent adhesion and high build film coat. It has a very good chemical and mechanical property.

Major Uses:

It is best recommended to be used as basecoat for high quality wooden furniture, plywood, flooring panels, etc.

Characteristics and Physical Properties:

Appearance	White
Density	1.2 ± 0.3 kg/liter
Viscosity	90 – 100 sec.
Solid content	63.0 ± 1.0 %
Coverage	100 – 120 gms/m ²
Flash-off	5 – 7 min.
Process	TL03 + TL05 (low pressure)
Curing	1 lamp Hg + 1 lamp Ga
Belt speed	6 – 7 m/min. Distance (15 cm-lamp)
Application condition	
Air temperature	5°C minimum
Relative humidity	85% maximum
Pot life	10 days (at least)
Application method	Spray
Sandability	After UV oven
Thinner ratio	Thinner # 445 (20-30%)

Surface Preparation:

- Substrate should be free from contaminant such as oil and dust, etc.
- Moisture content of timber should be kept below 15 percent.
- UVIPRIME # 4000 has to be cured by two(2) lamps (Ga + Hg).

Drying:

The product must be dried by 2 lamps (Hg+Ga) after some minutes of flash-off and with low pressure process under TL lamps for about 2.5-3.0 minutes

Storage:

Store in the dark, cool and dry places under normal temperature and humidity. Shelf life of 3-4 months at 30°C room temperature.

Packing:

Available in 20 lit. .(Base + Photoinitiator) and Catalyst for dual cure

Precautions:

UVIPRIME # 4000 contains no solvents, nevertheless use protective gloves and eye goggles when handling this product. It is recommended to provide proper ventilation on working area. If contact with skin or splash in eyes, wash with fresh water and seek medical advise.

The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.

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