



UVICOAT # 1500

General Description:

UVICOAT # 1500 is a mono component polyester / epoxy acrylate oligomer based U.V. radiation curable paint. It provides fast curing, excellent adhesion, scratch and abrasion resistance, staining resistance, very good chemical and mechanical property.

Major Uses:

Designed to be used as topcoat for high quality furniture, plywood and floor panels, etc.

Characteristics and Physical Properties:

Appearance	Clear
Specific weight	1.125 g/L
Viscosity	120" (FC # 4 @ 25°C)
Solid content	99%
Flash point	>60°C
Coating rate	20-30 g/m ²
Curing Speed	9-10 m/min. 2-3 lamps: irradiation Distance : 15 cm. 1 lamp Hg + 1 lamp Ga.
Application condition:	
Air temperature	5°C min
Relative humidity	85% max
Application method	Reverse roller
Dilution	Not required

Surface Preparation:

- Substrate should be free from contaminant such as oil and dust etc.
- Moisture content of timber should be kept below 15 percent.
- Surface to be topcoated with Uvicoat # 1500 should be primed with Uviseal # 1200/1250 or any U.V Curing Sealer

Storage:

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

Packing:

Available in 20 lit. .

Precautions:

UVICOAT # 1500 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 advice.

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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