



UVICOAT # 3550

General Description:

UVICOAT # 3550 is a non – yellowing, dual cure, modified acrylic - based U.V. curable paint. It provides fast curing, excellent adhesion, scratch and abrasion resistance, staining resistance, very good yellowing resistance, very long pot – life and easy mattability.

Major Uses:

Designed to be used as topcoat for high quality furniture, such as doors, tables, kitchen doors, bathroom furniture's plywood and floor panels, MDF etc.

Characteristics and Physical Properties:

Appearance	Transparent / Matt
Specific Gravity (20 ⁰ C)	0.977 + / - 0.030
Viscosity FC # 4 (20 ⁰ C)	30-50 sec.
Solid Content	39% + / - 1%
Flash Off	5' – 7'
Coating Rate	80-90 gm / m ²
Curing Speed	6-7 m / min. 3 – 4 lamps; irradiation distance 15cm, lamp power; 80 – 120 kw / cm.
Application Condition	Air temperature: Max. 5 ⁰ C Relative Humidity: Max . 85%
Application Method	Spray (Manual/Automatic)
Mixing Ratio	Photoinitiator 4 % + Catalyst 10%

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.

Surface Preparation:

- Substrate should be free from contaminant such as oil and dust etc.
- Moisture content of timber should be kept below 15 percent.

Storage:

Store in the dark, cool and dry places under normal temperature and humidity. Shelf life of 4 months at 30⁰C room temperature.

Packing:

Available in 20 lit. .

Precautions:

UVICOAT # 3550 contains non-dangerous 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.

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