

General Description:

UVICOAT # 4500 is a U.V. radiation curable paint based on modified acrylic for open to closed cell coatings. 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, MDF etc.

Characteristics and Physical Properties:

Appearance	Transparent / Matt
Specific Gravity (25°C)	0.970+ / - 0.030
Viscosity FC # 4 (25°C)	20-30 sec.
Solid Content	40% + / - 0.5%
Flash Off	5 – 7 min.
Coating Rate	60 - 90 gm / m ²
Curing Speed	5 - 7 m / min. 3 – 4 lamps; irradiation distance 15cm, lamp power; 80 – 120 kw / cm.
Application Condition	Air temperature: Max. 5°C Relative Humidity: Max . 85%
Application Method	Spray
Thinner Ratio	UV Thinner # 405(5-10%)

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 coated should be primed with Uviseal range with proper interim sanding

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 kg. (19.2 kg A +0.800 kg Photoinitiator)

Precautions:

UVICOAT # 4500 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 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.

MAS PAINTS & CHEMICAL INDUSTRY

P.O. BOX NO: 23085, SAJJAH INDUSTRIAL AREA, SHARJAH, U.A.E

TEL NO: 009716 5311777; FAX: 009716 5311330

Website : <http://www.mas-paints.com>

Email: masuae@emirates.net.ae

