

General Description:

UVISEAL # 1200 HV is a mono component UV radiation curable sanding sealer based on epoxy-acrylic aromatic oligomer and reactive monomer. It provides fast curing; good sanding ability, 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 furniture, plywood, flooring panels, flat panels and solid woods, etc.

Characteristics and Physical Properties:

Appearance	Transparent
Specific Gravity (25°C)	1.20 +/- 0.03 kg./ lit.
Viscosity (20°C)	50 + / - 5 poise.
Solid Content	99% + / - 1
Flash Point	> 60°C
Coating Rate	40-50 gm / m ²
Curing Speed	6-8 m / min.
Full cross-linking	2 Hg lamps
Irradiation distance	15 cm
Power lamp	80~120 watts
Application Condition: Air temperature Relative humidity	Min. 5°C Max. 85%
Application Method	Reverse Roller
Dilution Ratio	Not recommended
VOC	12 g/L

Surface Preparation:

- ❖ Substrate should be free from contaminant such as oil and dust, etc.
- ❖ Moisture content of timber should be kept below 15 %.
- ❖ Pot life is 6 months if kept in shaded area with monitored temperature in a tightly closed container.

Storage:

Store in the dark, cool and dry places under normal temperature and humidity. Keep cans tightly sealed, in a well ventilated place, with temperature controlled between 10 and 30°C.

Shelf Life:

Six (6) months from production date, if stored as above.

Packing:

Available in 20 kg.

Precautions:

UVISEAL # 1200 HV 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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