

Hesse UV Top coat for roller coating UU 75830 Diamond finish

>Product description

UV curing product based on unsaturated acrylic resin, dull matt, ready for use. Finishing lacquer for open-pore to closed-pore constructions with particularly good scratch resistance.

>Areas of application

for furniture for interior decoration, doors, etc., as a final coating for particularly stressed surfaces.

>Surface Preparation

Surface preparation	The substrate must be dry, dust-free and grease-free. Pre-priming with coordinated products required.
Substrate sanding grits from-to	400 - 600
Intermediate lacquer sanding (grits) from-to	400 - 600
Comments on sanding	Sanding is required to achieve good adhesion to the substrate depending on the substrate's condition. Wood substrates should be sanded at 120 - 220 grit subject to wood type. Membrane substrates and basecoats should be freshly sanded at 320 - 600 grit. Dust should be carefully removed from the substrate after sanding. Intermediate sanding should generally be omitted when the bond is established when using a primer or the gelling process.

>Times

conditions of transport	frost-free - up to a maximum of 35 °C
Stackable after	stackable directly after UV curing
Curing	Hardening by means of ultraviolet rays with mercury UV-lamps. Sufficient radiation energy must be provided. This depends primarily on the type, conditions, age and design of the lamp system, so that the optimum UV lamp settings can be implemented on the respective system, and the curing should be checked. Your Hesse representative will assist you with the determination of the necessary radiant energy.

>Application

Application
Roller coating
Smooth roller

>Processing instructions

Regularly check the specified application quantities. Clean rollers using suitable thinners!

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>Technical data

Flow time	48 s / DIN 53211 - 6 mm
Appearance	colourless
Density series kg/l	1.236
Yield per coat	103 - 247 m ² /l The spreading rate is heavily dependent on the type of application. The specified theoretic spreading rate reduces by up to 40 % with spray applications. Brushing or manual application methods are virtually loss-free. The specifications relate to a liter of ready-for-use product, if necessary including hardener and thinner.
Form of delivery	fluid
Non-volatile content series %	98.7
VOC EU %	1 %
VOC FR	A+
Storage temperature	5 - 25 °C
Shelf life in weeks	26
conditions of transport	frost-free - up to a maximum of 35 °C
Number of coats (max)	2
Amount per layer (minimum)	5 g/m ²
Amount per layer (max)	12 g/m ²
Total application volume	20 g/m ²

>Ordering information

Order number	Gloss level 60° (Gloss)	Gloss level	Container Size
UU 75830	0 - 3	dull matt	10 l, 25 kg

>Equipment cleaner

Order number	Product description	Container Size
UV 7100	UV Thinner	5 l, 10 l, 25 l

>Particular instructions

The measured gloss level depends on the application quantity, application process, activation parameters and the condition of the substrate.

>Sample process

The coating process and the precise treatment parameters are adapted in each case to the respective application and drying conditions and can be found in the customer-specific process descriptions (surface techniques).

>General information


Clean lamps and reflectors on a regular basis using a soft, lint-free cloth and UV 7111.

Only touch the lamps when wearing cotton gloves. Note the lamp's operating hours and replace them as per the lamp manufacturer's recommendations. Always protect open containers from the incidence of light (cover them).

Seal containers properly after use.

Sufficient lacquer sanding and inspection of the bond within the entire structure will be required in each case. Please apply a trial coating under practical conditions!

>Particular properties and/or testing standards

Test standard / basis	Testing laboratory	Mark	Report	No.
PVC-resistant	HESSE			

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Our technical information is continually adapted to keep up to date with the latest technology and statutory regulations. The indicated values are no specification, but typical product data. The latest version is always available online at www.hesse-lignal.de or talk to your local account manager. This information is for advice and is based on the best knowledge available and careful research in line with the current state of the art. This information cannot be held as legally binding. We also refer you to our terms and conditions of business. Safety data sheet is provided in accordance with EC regulation no. 1907/2006.