

# UVILUX 1745-02

## UV Enamel

UV-curing enamel for surface treatment of wood-based boards such as chipboard, masonite, and MDF.



The cured enamel provides a smooth and hard surface with excellent chemical and mechanical resistance.

FURNITURE TEST - Field of application:

Chairs/beds/shelves: Extra high demands

Tables: High demands

Less exposed surfaces: Extra high demands



## TECHNICAL DATA

<b>Fields of application</b>	Furniture, Kitchen, Interior doors, Ceilings, Panels
<b>Recommended substrate</b>	HDF, Masonite, MDF, Hardwood, Softwood
<b>Solids</b>	Approx. 100% by weight
<b>Total mass of solids</b>	Approx. 1147 g/l
<b>Viscosity</b>	55-65 s /DIN 6
<b>Volatile organic compound (VOC)</b>	Approx. 22 g/l (DIRECTIVE 2010/75/EU) The VOC value provided is the average value for factory produced products, and consequently it will be subject to variations between individual products covered by this Technical Data Sheet.
<b>Gloss (60°)</b>	Approx. 20 depending on the amount applied and curing conditions.
<b>Thinner</b>	The product is delivered ready for use. Thinning of UV-lacquers is not recommended.
<b>Density</b>	1.10- 1.50 kg/l depending on colour.
<b>Storage</b>	Should not be exposed to temperatures above +40°C. Should not be exposed to direct sunlight. The storage stability is shown on the label. Store in a tightly closed container. Must not freeze.

## DIRECTION FOR USE

<b>Application method</b>	Opti roller
<b>Recommended amount to be applied</b>	20-25 g/m <sup>2</sup> by opti-roller on well calibrated substrates.

**Drying methods**

Cures under UV-lamps.

UVILUX 1745-02 TS 21094 SNEHVID							
Semi curing				Full curing			
Hg		Ga		Hg		Ga	
Energy UVB mJ/cm <sup>2</sup>	Peak mW/cm <sup>2</sup>	Energy UVV mJ/cm <sup>2</sup>	Peak mW/cm <sup>2</sup>	Energy UVB mJ/cm <sup>2</sup>	Peak mW/cm <sup>2</sup>	Energy UVV mJ/cm <sup>2</sup>	Peak mW/cm <sup>2</sup>
				200	300	400	650

**Cleaning**

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**HEALTH AND SAFETY**

**Safety and precaution measures**

See safety data sheet.

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