

UVILUX 1745-09

UV-Enamel

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



The cured enamel provides a smooth, rich, 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

Fields of application	Furniture, Kitchen, Interior doors, Ceilings, Panels
Recommended substrate	HDF, Masonite, MDF, Hardwood, Softwood
Solids	Approx. 100% by weight
Total mass of solids	Approx. 1080-1150 g/l
Viscosity	70-90 s, DIN 6.
Volatile organic compound (VOC)	Approx. 21 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.
Gloss (60°)	Approx. 90 depending on the amount applied and curing conditions.
Thinner	The product is delivered ready for use. Thinning of UV-lacquers is not recommended.
Density	1.05-1.50 kg/l depending on colour.
Storage	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

Application method	Opti roller
Recommended amount to be applied	25-30 g/m ² by opti-roller on well calibrated substrates.

Drying time	UVILUX 1745-09 TS 21169 WHITE							
	Semi curing				Full curing			
	Hg		Ga		Hg		Ga	
	Energy UVB mJ/cm ²	Peak mW/cm ²	Energy UVV mJ/cm ²	Peak mW/cm ²	Energy UVB mJ/cm ²	Peak mW/cm ²	Energy UVV mJ/cm ²	Peak mW/cm ²
				150	300	380	650	
Drying methods	Cures under UV-lamps.							
Cleaning	TEKNOSOLV 1129-11							

HEALTH AND SAFETY

Safety and precaution measures See safety data sheet.

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