

UVILUX 6450-02

UV-curing top lacquer

Surface treatment of wood and furniture parts.

The cured lacquer 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

Fields of application	Ceilings, Floors, Furniture, Kitchen, Mouldings, Panels, Stairs, Interior doors
Recommended substrate	HDF, Masonite, MDF, Hardwood, Softwood
Solids	Approx. 100% by weight
Total mass of solids	Approx. 1104-1175 g/l depending on gloss.
Viscosity	25-70 s DIN 6 at +20°C depending on gloss.
Volatile organic compound (VOC)	Approx. 25 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.
Colours	For addition of tinting paste please contact Teknos.
Gloss (60°)	Semi-matt
Thinner	The product is delivered ready for use.
Density	1.16-1.18 kg/l
Storage	Should not be exposed to temperatures above +40°C. Should not be exposed to direct sunlight. Must not freeze. Store in a tightly closed container. The storage stability is shown on the label.

DIRECTION FOR USE

Application method	Roller coating
Recommended amount to be applied	4-6 g/m ²
Application	Stir thoroughly before use.

Drying time

UVILUX 6450-02 TS 21099 CLEAR							
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

UVILUX 6450-02 HY 0020 CLEAR							
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
				100	300		

Drying methods

Cures under UV-lamps.

Cleaning

TEKNOSOLV 1129

HEALTH AND SAFETY

Safety and precaution measures

See safety data sheet.

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