

UVILUX 1490-12

UV-lacquer

UV-curing lacquer for surface treatment of wood and furniture parts in vacuum system or spray plant.

The cured film is extremely resistant to chemicals and physical wear.

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, Mouldings
Recommended substrate	Softwood, Hardwood
Solids	Approx. 100% by weight
Viscosity	18-21 s DIN cup 4, +20°C.
Volatile organic compound (VOC)	Approx. 0 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°)	25 - depending on the amount applied and curing conditions.
Thinner	The product is delivered ready for use.
Density	approx. 1.22 kg/l
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	UV-spraying, Vacumat
Recommended amount to be applied	20-30 g/m ²

Drying time

- stackable

The substrates may be stacked immediately after curing.

UVILUX 1490-12 HY 6863 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	400	650

UVILUX 1490-12 HY 6861 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	250	650

Drying methods

Cures under UV-lamps.

Cleaning

TEKNOSOLV 1129-11

HEALTH AND SAFETY

Safety and precaution measures

See safety data sheet.

Teknos Group Oy Takkatie 3, P.O.Box 107 FI-00371 Helsinki, Finland Tel. +358 9 506 091

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