
TYPE	Water borne UV-curing enamel.
USE	Surface treatment of primed pine, spruce, MDF, HDF and chipboards for use indoors.
SPECIAL PROPERTIES	Quick drying and UV-curable after evaporation of water. After UV-curing the enamel is hard-wearing and resistant equal to traditional AC-lacquers. This data sheet covers the variants 31-35.

TECHNICAL DATA

Gloss	10-50 ±10. Further glosses according to agreement.
Colours	RAL, NCS S and BS. Further colours according to agreement. TEKNOLUX AQUA 1728 is tinted with TEKNOCOLOR tinting system and may be delivered as base lacquer. Available in base 1 (white) and base 3 (clear). The colour depends on the used primer. For further information, please contact our laboratory.
Delivery viscosity	20-50 s / DIN 6.
Density	1.05-1.25 g/ml dependent on gloss level.
Solids, weight	Weight-%: 44-55 dependent on gloss level. Volume-%: 35-45
Volatile organic compound (VOC)	See Safety Data Sheet.
Storage	The best storage temperature is +5 °C - +25 °C. Protected against frost and not above 30 °C. Should not be exposed to direct sunlight. Storage: See label. Store in a tightly closed container.
Drying method	Convection oven + UV light 120 W (Ga + Hg) 5 m/min.

DIRECTIONS FOR USE

Surface preparation	The wood must be free from wood dust and contamination.		
	The wood humidity must be below 15 %. The optimum is 7-11 %.		
Primer	AQUAFILLER 1100, AQUA FILLER 2800, TEKNOCOAT AQUA PRIMER 1875-98 or TEKNOCOAT AQUA PRIMER 1866. UVILUX SEALER 1456 or UVILUX PRIMER 1754.		
Recommended amount to be applied	75-125 g/m ²		
Application	<u>Equipment</u>	<u>Thinner</u>	<u>Suggested viscosity</u> <u>DIN-cup 6 mm 20 °C</u>
	Air	Water 1-10 %	20-35 s
	Airless		Delivery viscosity
	Airmix/Aircoat		Delivery viscosity
Drying, at 20 °C / 50 % RH	30 min. + UV-light		
at 50 °C / 50 % RH	10-15 min. + UV-light		
at 80 °C / 50 % RH	5-7 min. + UV-light		
	The drying time is based on an applied amount of 100 g/m ² .		
	When re-coating an intermediate sanding must be carried out.		
Cleaning of tools	TEKNOCLEAN 1949 or water.		
HEALTH AND SAFETY	See Safety Data Sheet.		
ADDITIONAL INFORMATION	Should be stirred well before use.		
	For evaluation of ventilation, please contact Teknos consultant.		
	Max. weight for stacking 5 kg/cm ² at max. 35 °C heartwood temperature.		
	Certain timbers such as cedar, oak, mahogany, ash, etc. contain waterborne extractives, which can leach through the coating and stain opaque finishes. Please contact our technical department for further information.		

The above information is normative and based on laboratory tests and practical experiences. The information is noncommittal, and we cannot accept liability for the results obtained under working conditions beyond our control, and consequently the buyer or the user is not released from the obligation to test the suitability of our products for specific means and application methods under the actual application conditions. Our liability covers only damage caused directly by defects in the products supplied by Teknos. The latest versions of Teknos' Technical Data Sheets and Safety Data Sheets are available from our homepage www.teknos.com.