

TEKNOTOP 2980-21

Topcoat for flow coating / dipping

TEKNOTOP 2980-21 is a water borne, industrial topcoat for balcony parts, garden furniture, playground equipment etc. made of wood.



TEKNOTOP 2980-21 has been developed especially for application on horizontal surfaces, but can also be applied on vertical surfaces.

TECHNICAL DATA

Fields of application	Balcony elements, Garden furniture, Playgrounds
Recommended substrate	Hardwood, Softwood
Solids	Approx. 33% by weight
Viscosity	Approx. 16-18 s in DIN cup 4 mm at 20 °C
Volatile organic compound (VOC)	Approx. 30 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.
Theoretical spreading rate	Approx. 10 m ² /l May vary according to wood quality and application method.
Colours	Base T (translucent colours). For translucent colours on balcony parts, use TEKNOTOP 2980-11.
Tinting system	Teknolor
Gloss (60°)	Matt
Thinner	Water.
Storage	Storage temperature is +5°C - +30°C. Shelf life in unopened containers: See "Best before date" on the label. Keep containers tightly closed after use.
Packaging	Available in a range of standard pack sizes.

DIRECTION FOR USE

Surface preparation	The wood must be free from wood dust and contamination. The moisture content of the wood should be approx. 13% and should not exceed 15%. Pretreatment is required for wood substrates not meeting Durability Class 3, EN 350:2016. Teknos has a range of preservative products meeting the requirements of EN 599-1, please contact Teknos for further guidance.
Application method	Dipping, Flow coating

Application	Due to evaporation, the solid content of the liquid must be adjusted with water regularly.
Application conditions	Stir thoroughly before use. Optimum temperature for products and surroundings: +18°C - +22°C. Optimum relative air humidity: Approx. 50%.
Thinning	Adjust the product with water to a viscosity of approx. 12-14 s DIN cup 4 before use.
Drying time	+20°C / 50% RH
- dry to handle	1-2 h
- fit for sanding	2-3 h
- through dry	24 h
	The drying time can be reduced using special drying systems to force drying. The drying times are approximate and may vary according to wood quality, temperatures, humidity, ventilation, and film thickness.
Coating system	Is applied on primed parts or possibly intermediate treated parts. If the parts are exposed to the influence of the weather never use colourless as the final treatment. Used as topcoat for balconies. TEKNOPRIMER 2949 should be used as primer.
Cleaning	Water.

HEALTH AND SAFETY

Safety and precaution measures See safety data sheet.

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