

# TEKNOL AQUA 1412-01

## Wood preservative for flow coating / dipping

TEKNOL AQUA 1412-01 is an aqueous industrial wood preservative for new untreated wood designated for exterior use (use classes 2-3) as defined in BS/EN 335-1 such as windows and doors. The product protects the wood surface and the treated area against wood destroying and wood discolouring fungi and satisfies the performance requirements of EN 599-1. Furthermore, the wood becomes more dimensional stable.

TEKNOL AQUA 1412-01 minimizes patchiness in subsequent translucent surface treatments.



## TECHNICAL DATA

<b>Fields of application</b>	Cladding boards, Conservatories, Exterior doors, Garden furniture, Playgrounds, Windows, Window shutters
<b>Recommended substrate</b>	Hardwood, Softwood
<b>Solids</b>	Approx. 6% by weight
<b>Volatile organic compound (VOC)</b>	Approx. 22 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.
<b>Theoretical spreading rate</b>	May vary according to wood quality and application method.
<b>Colours</b>	Colourless.
<b>Gloss (60°)</b>	MATT
<b>Thinner</b>	The product is delivered ready for use.
<b>Storage</b>	The product must be stored at temperatures above +5°C. Shelf life in unopened containers: See "Best before date" on the label. Keep containers tightly closed after use. Store away from foodstuffs.
<b>Packaging</b>	20 l, 120 l, 1.000 l

## DIRECTION FOR USE

<b>Surface preparation</b>	The wood must be free from wood dust and contamination. The moisture content of the wood should be: Windows and doors: approx. 13% and should not exceed 15%. Cladding: should not exceed 18%.
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<b>Application method</b>	Brush machine, Dipping, Flow coating, Vacumat, Brush When applied by brush or roller, the product must only be used for windows and doors.
<b>Application conditions</b>	Stir thoroughly before use. Due to evaporation, the solid content of the liquid must be adjusted with water regularly. This adjustment is based on the measured solid of the liquid in the system. Optimum temperature for products and surroundings: +18°C - +22°C. Optimum relative air humidity: Approx. 50%.
<b>Drying time</b>	+23°C / 50% RH
<b>- dry to handle</b>	1-2 hours
<b>- overcoatable</b>	3-4 hours 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, and ventilation.
<b>Coating system</b>	Treated parts must always be protected with a topcoat treatment before they are exposed to the influence of the weather.
<b>Cleaning</b>	Water.

## HEALTH AND SAFETY

**Safety and precaution measures** See safety data sheet.

## ADDITIONAL INFORMATION

**Waste management** Empty containers and leftover product should be disposed of according to local waste disposal regulations.

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