

TECHNICAL DATA SHEET

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TEKNOL AQUA 1415-01

Wood preservative for flow coating / dipping

TEKNOL AQUA 1415-01 is a colourless aqueous industrial wood preservative ready for use.

For preventive treatment of exterior wood above ground level. When used as part of a defined Teknos coating system, the treatment gives an effective protection against wood discolouring (EN 152) and wood rotting fungi (EN 113) as well as wood boring beetles (EN46-1, EN 49-1, EN 20-1) and termites (EN 118).

TEKNOL AQUA 1415-01 is certified by FCBA (CTB-P+ approved efficient for wood decaying fungi, wood insects and termites). It is under right of use of the Collective Certification Mark CTB P+ under the conditions requested in the General Rules and the Regulations of the Mark. Wood treated by surface process must receive an additive treatment with a protective coating product when a use class 3.1 according to EN 335:2013 application is expected.

TEKNOL AQUA 1415-01 fulfils demands in EN 599-1+A1:2013 for use class 2 and 3.1 according to EN 335:2013.

TECHNICAL DATA

Binder:	Synthetic binder
Solid content:	Approx. 5 % w/w
Volatile organic compound (VOC):	Approx. 10 g/l (See Safety Data Sheet)
Theoretical consumption:	May vary according to wood quality and application method.

APPLICATION DETAILS

Pre-treatment:	The wood must be clean and 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:	approx. 13 % and should not exceed 20 %.	
Application:	To be applied by brush, spraying and flow coating as well as manual or fully automated dipping.		
Application conditions:	The product is delivered ready for use. Stir the product well 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:	18-22 °C	
	Optimum relative air humidity:	Approx. 50 %	
Application volume:	Wood discolouring fungi:	100 g/m²	
	Wood rotting fungi:	100 g/m²	
	Wood boring beetles:	100 g/m²	
	Termites:	150 g/m²	
System treatment:	Treated parts must always be protected with a topcoat treatment before they are exposed to the influence of the weather.		

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Drying times: Determined at 20 °C and 50 % relative humidity:

Dry to handle: 1-2 hours

Dry to recoat: 2-3 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.

Cleaning: The equipment is cleaned with water.

HEALTH AND SAFETY See Material Safety Data Sheet.

ADDITIONAL INFORMATION

Pack size: 20, 120 and 1,000 l

Storage: The product must be stored at temperatures between 5 °C and 25 °C. Shelf life in unopened containers: See "Best before date" on the label. Keep containers tightly closed after use. Store away from foodstuffs.

NATIONAL**REGISTRATIONS:**

TEKNOL AQUA 1415-01 is applied for according to EU Biocides Regulation 528/2012 in the following countries: EN, FR, DE, AT, CZ, BE, PL, FI, IT.

FR: N° d'identification : 57-4460-57



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 Material Safety Data Sheets are available from our homepage www.teknos.com.

Information on mandatory labelling for items treated with TEKNOL AQUA 1415-01

When an item has been treated with wood preservative and its biocidal properties (protection against e.g. wood destroying or discolouring fungi) are claimed, below instructions, which are in accordance with the new European Biocidal Products Directive, effective as of 1 September 2013, must be followed:

The person responsible for the sale of treated items such as doors and windows shall label such items with the details stated here for TEKNOL AQUA 1415-01 in the FACT SHEET below.

Labelling shall be clearly visible, easily legible and of suitable permanence. When necessary due to the size of function of a treated item, labelling shall be printed on the packaging, the user guide or on the guarantee.

For further details, please refer to the Biocides Regulation, 528/2012 Article 58, part 3:

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2012:167:0001:0123:EN:PDF>

FACT SHEET for TEKNOL AQUA 1415-01 treated items

This item has been treated with wood preservative: (Regulated by the Biocides Regulation 528/2012, PT8)	TEKNOL AQUA 1415-01
a) Items treated with TEKNOL AQUA 1415-01 contain:	Biocides approved for product type 8
b) Items treated with TEKNOL AQUA 1415-01 are protected against:	Wood destroying fungi, wood discolouring fungi, wood boring beetles and termites
c) Items treated with TEKNOL AQUA 1415-01 contain the following biocides:	Propiconazole, IPBC, Permethrine
d) Items treated with TEKNOL AQUA 1415-01 contain the following nanomaterials:	-
The wood preservative TEKNOL AQUA 1415-01 is produced by:	Teknos A/S Industrivej 19 DK-6580 Vamdrup Tel.: +45 76 93 94 00

e) Special precautions for items treated with TEKNOL AQUA 1415-01:

The surface of the wood must be coated with e.g. varnish or paint. Coating of the surface must be carried out at regular intervals.

April 2016