

TEKNOL AQUA 1410 is an aqueous industrial wood preservative for new untreated wood designated for exterior use (hazard class 3) as defined in BS/EN 335-1:1994 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 1410 minimizes patchiness in subsequent translucent surface treatments.

**TECHNICAL DATA**

Binder:	Synthetic binder
Solid content:	Approx. 5 % w/w
Volatile organic compound (VOC):	Approx. 10 g/l
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:	18 ± 2 %.
Application:	Application by brush, dipping or flow coating procedure, or manual or automated spraying. Please follow the instructions on the label.	
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 surrounding:	18-22 °C
	Optimum relative air humidity:	Approx. 50 %
System treatment:	Treated parts must always be protected with a topcoat treatment before they are exposed to the influence of the weather.	
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.	

**TECHNICAL DATA SHEET**

10 14.10.2013

Page 2 of 2

**TEKNOL AQUA 1410-01****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 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.

National registrations: TEKNOL AQUA 1410 is comprised by the announcement of the Danish Ministry of Environment on Pesticides.

**UK: UK-2012-0482 – UK-2012-0485****IE: IE/BPA 70061**

AT: AT/2012/Z/00088-01/8

CH: CH-2012-0068

CZ: CZ-2012-0033

DE: DE-2012-MA-08-00110

DK: BPD-reg. nr. 417-5

EE: EE/2012/0018

FIN: FINBP20122404

HU: HU-2012-MA-08-00018-0000

IT: IT/2014/00183/MRAFP

LT: A08VAP771149/A

LV: LV/2012/MR/018

NO: NO-2014-0040

PL: PL/2013/0064/A/MR/FF

SE: Reg. nr. 4707 (klass 2)

Reg. nr. 5104 (klass 3)

SK: 2010/3549/6806/SK/MA/8409

SL: SL-2013-3013

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](http://www.teknos.com).

## Information on mandatory labelling for items treated with TEKNOL AQUA 1410-01

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 1410-01 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 1410-01 treated items

<b>This item has been treated with wood preservative: (Regulated by the Biocides Regulation 528/2012, PT8)</b>	<b>TEKNOL AQUA 1410-01</b>
a) Items treated with TEKNOL AQUA 1410-01 contain:	Biocides approved for product type 8
b) Items treated with TEKNOL AQUA 1410-01 are protected against:	Wood destroying or discolouring fungi
c) Items treated with TEKNOL AQUA 1410-01 contain the following biocides:	Propiconazole, IPBC
d) Items treated with TEKNOL AQUA 1410-01 contain the following nanomaterials:	-
The wood preservative TEKNOL AQUA 1410-01 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 1410-01:**

**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.**

September 2013