

TEKNOL AQUA 1410-01

Wood preservative for flow coating / dipping

TEKNOL AQUA 1410-01 is an aqueous industrial wood preservative for new untreated wood designated for exterior use (use classes 2-3) as defined in BS/EN 335-1:1994 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 1410-01 minimizes patchiness in subsequent translucent surface treatments.

National registration: GB-2012-0481.

National registration: NI: IE/BPA 70061.



TECHNICAL DATA

Fields of application	Cladding boards, Exterior doors, Windows, Window shutters
Recommended substrate	Softwood
Solids	Approx. 5% by weight
Volatile organic compound (VOC)	Approx. 25 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	May vary according to wood quality and application method.
Colours	Colourless.
Thinner	The product is delivered ready for use.
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.
Packaging	20 l, 120 l, 1.000 l

DIRECTION FOR USE

Surface preparation	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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Application method	Dipping, Flow coating, Conventional spraying, Brush Please follow the instructions on the label.
Application conditions	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%.
Drying time	+23°C / 50% RH
- dry to handle	1-2 h
- overcoatable	2-3 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, and ventilation.
Coating system	Treated parts must always be protected with a topcoat treatment before they are exposed to the influence of the weather. See fact sheet for handling of treated articles.
Cleaning	Water.

HEALTH AND SAFETY

Safety and precaution measures See safety data sheet.

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