

AQUATOP VIRTA 12

Topcoat for spray application

AQUATOP VIRTA 12 is a matt, water-borne industrial topcoat designed for exterior wood applications, suitable for windows and doors.

AQUATOP VIRTA 12 is a quick drying formulation with excellent early moisture resistance and blocking properties within a wide range of temperatures and humidities. The product also provides excellent application properties, facilitating a smooth and uniform finish.



TECHNICAL DATA

Certificates, approvals and classification	EN 927-2, EPD, M1 classification, A+ Émissions l'air intérieur
Fields of application	Conservatories, Exterior doors, Windows, Window shutters, Cladding boards
Recommended substrate	Hardwood, Modified wood, Softwood
Solids	Base 1: Approx. 37% by volume, approx. 48% by weight Base 3: Approx. 32% by volume, approx. 35% by weight Base T: Approx. 30% by volume, approx. 34% by weight
Volatile organic compound (VOC)	Approx. 24 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	3-7 m ² /l
Colours	Base 1, 3 and base T (white, opaque and translucent colours).
Tinting system	Teknocolor
Gloss (60°)	Matt
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

Airless spraying, Air-assisted airless spraying, Electrostatic spraying

Application

Nozzle	Pressure	Air support
Airless flat 0.28 mm	100-110 bar	
Air assisted airless flat 0.28 mm	80-100 bar	1.0-1.5 bar

Application conditions

Stir thoroughly before use.

Apply at temperatures between 15°C and 40°C, and humidity levels below 80% RH. Wet film range 150-300 µm.

Thinning

The product is delivered ready for use.

Drying time

+23°C / 50% RH

- dry to handle

2-3 h

- fit for sanding and overcoating

3-4 h

The drying times are approximate and may vary according to wood quality, temperatures, humidity, ventilation, and film thickness. The drying time can be reduced using special drying systems to force drying.

Coating system

AQUATOP VIRT A 12 is part of a coating system where the dry film thickness should be equal or higher than 100 µm.

If the parts are exposed to the influence of the weather never use colourless as the final treatment.

Cleaning

Water.

HEALTH AND SAFETY

Safety and precaution measures

See safety data sheet.

Teknos Group Oy Takkatie 3, P.O.Box 107 FI-00371 Helsinki, Finland Tel. +358 9 506 091

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. This product is intended for professional use only. This implies that the user possesses sufficient knowledge for using the product correctly with regard to technical and working safety aspects. The latest versions of Teknos' Technical Data Sheets and Safety Data Sheets are available from our homepage www.teknos.com. All trademarks displayed on this document are the exclusive property of Teknos Group or its affiliated companies.