

AQUAFILLER 5000-00

Spraying filler

An air-drying, waterborne intermediate filler designed for spray application. Ideal for priming impregnated and pre-primed softwoods such as pine and spruce, as well as primed hardwoods.



AQUAFILLER 5000-00 provides excellent substrate wetting and strong filling performance, especially on open-pored wood species. It dries quickly, sands easily and has a good water vapour permeability.

TECHNICAL DATA

Fields of application	Doors, Windows		
Recommended substrate	Hardwood, Softwood		
Binder	Acrylic		
Solids	Approx. 30% by volume		
Total mass of solids	Approx. 327 g/l		
Volatile organic compound (VOC)	Approx. 40 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	Wet film (µm)	Dry film (µm)	Theoretical spreading rate (m²/l)
	Approx. 125-175	Approx. 40-55	6-8
Colours	Colourless.		
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. Must not freeze.		

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.

Priming:

Pine/spruce: AQUAPRIMER 2900, AQUA PRIMER 3130 or AQUA PRIMER 2907

Hardwood: ANTISTAIN AQUA 2901

Application

Stir thoroughly before use.

Can be applied in wet film thickness up to 200 µm.

Equipment	Thinner	Suggested viscosity DIN-cup 4 mm +20°C
Airless spraying	Undiluted	
Airmix/aircoat spraying	Undiluted	
High rotation	Water	30-50 s
Brush	Water	

Application conditions

During application and drying the relative air humidity should be 40 – 60 %.

Temperature: 15 – 25 °C.

Drying time

- dust free

+23°C / 50% RH

30 min (ISO 1517)

- touch dry

2-3 h (ISO 3678)

- forced drying

+30°C - +35°C / 50% RH:

- dry to handle: 60 min

Overcoating can be carried out after approx. 2 hours, depending on film thickness, temperature and air exchange.

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

Surface treatment with AQUATOP products.

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.