

AQUATOP 2760-12

Topcoat for spray application

AQUATOP 2760-12 is a fast-drying, water-borne topcoat based on an acrylic binder system, developed for industrial applications requiring a smooth and durable finish. The product has been classified in Emission Class M1 according to the Emission Classification of Building Materials, confirming its suitability for use in indoor environments with stringent emission requirements. AQUATOP 2760-12 is designed for wood–aluminium window frame components and similar joinery elements protected from direct weathering stress.



Before use, the manufacturer or technical service department should be consulted to confirm the product's suitability for the specific substrate, coating system, and exposure conditions.



TECHNICAL DATA

Certificates, approvals and classification	M1 classification
Fields of application	Windows
Recommended substrate	Wood aluminium
Solids	Approx. 33% by volume Approx. 43% by weight
Volatile organic compound (VOC)	Approx. 44 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	3-4 m ² /l
Colours	NCS S 0502-Y.
Gloss (60°)	Semi-matt
Storage	The product must be stored at temperatures +5°C - +30°C. Shelf life in unopened containers: See "Best before date" on the label. Keep containers tightly closed after use.
Packaging	20 l, 1000 l.

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	<table border="1"> <thead> <tr> <th>Nozzle</th><th>Pressure</th><th>Air support</th></tr> </thead> <tbody> <tr> <td>Airless flat 0.28 mm</td><td>100-110 bar</td><td></td></tr> <tr> <td>Air assisted airless flat 0.28 mm</td><td>80-100 bar</td><td>1.0-1.5 bar</td></tr> </tbody> </table>			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
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Application conditions	<p>Stir thoroughly before use.</p> <p>Optimum temperature for products and surroundings: +15°C - +30°C.</p> <p>Optimum relative humidity of the air is 50-70%.</p> <p>Wet film range 200-250 µm</p>											
Thinning	The product is delivered ready for use.											
Drying time	+23°C / 50% RH											
- dry to handle	40 min											
- fit for sanding and overcoating	1 - 2 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. When using accelerated drying ask for the instructions from the manufacturer.											
Coating system	AQUATOP 2760-12 is part of a coating system where the dry film thickness should be > 100 µm. Is applied on primed parts or possibly intermediate treated parts.											
Cleaning	Water.											

HEALTH AND SAFETY

Safety and precaution measures	See safety data sheet.
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ADDITIONAL INFORMATION

Waste management	Material and all related packaging must be disposed in a safe way in accordance with full requirements of local authorities.
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