

TEKNOSEAL 4002-00

Sealer for spray application

TEKNOSEAL 4002-00, a water-borne industrial sealer for the treatment of MDF/HDF exterior grade for windows and doors.

TEKNOSEAL 4002-00 inhibits water / humidity ingress and provides dimensional stability.



TECHNICAL DATA

Fields of application	Exterior doors, Windows
Recommended substrate	HDF, MDF
Volatile organic compound (VOC)	Approx. 29 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	5-6 m ² /l
Colours	Colourless.
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 material must be clean and free from wood dust and contamination. All parts must be pre-treated with a Teknos primer and to secure optimum effect all milled grooves and cut edges must be pre-treated by brush with TEKNOSEAL 4002 before they are sprayed.											
Application method	Airless spraying, Air-assisted airless 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	Stir thoroughly before use. Optimum temperature for products and surroundings: +18°C - +22°C. Optimum relative air humidity: Approx. 50%. Wet film range 175-200 µm.											
Thinning	The product is delivered ready for use.											

Drying time	+23 °C / 50% RH
- dry to handle	1-2 hours
- fit for sanding and overcoating	2-3 hours*
	*As the film thickness is of paramount importance for the effectiveness of the product, it is important not to sand the surface too much. Possible sanding must be kept at a minimum, and it is of paramount importance that the film is not sanded through.
	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, ventilation, and film thickness.
Coating system	Treated parts must always be protected with a topcoat treatment before they are exposed to the influence of the weather.
Cleaning	Water.

HEALTH AND SAFETY

Safety and precaution measures See safety data sheet.

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