



Aquadur MC 350

Technical Specifications

Date of Issue: 07/12/2015

Version Number: 9th

Filling, Insulating, and Coating Water-Based Primer for Intermediate Layers



Ideal for intermediate coatings on wooden surfaces for both exterior and interior use. Excellent filling properties. Easy and fast sanding. High water resistance. Insulating action against wood components that alter the final coating's shade. Odorless.

Application

Spraying. For more details, refer to the Spray Application Table on the packaging.

Thinning

Refer to the Spray Application Table on the packaging.

Thinner

Water.

Main Area of Application

Ideal for intermediate coatings on wooden surfaces, both exterior and interior. Exceptional filling properties, easy sanding, high water resistance, and insulating action to prevent discoloration caused by wood components.

Physical/Chemical Characteristics

Solids by Weight (%w.w.):

52 ± 1 [ASTM D2369].

Density (Kg/L):

1,26 ± 0,013 [EN ISO 2811.01, 20°C].

Viscosity (sec):

80 ± 10 [DIN 53211-CUP No 6, 20°C].

Drying Time at 23°C, 50% RH

Dust-free: 1 hour

Sanding: After 4 hours

Waiting time before the next coat:

8 hours (if applying a water-based product)

16 hours (if applying a solvent-based product)

Consumption

120 – 160 mL/m² (depending on application method, wood type, and absorption rate)

VOC Category [2004/42/EC]

Category A.d (Y): Interior/Exterior finishes and coatings for wood and metal

Phase II Limit: 130 g/L

VOC of ready-to-use product: ≤ 129 g/L.

Instructions of Use

Application method: Spray gun.

For automatic spraying systems, consult VERNILAC's technical department.

Notes:

High relative humidity slows down drying.

Painting and drying areas should not drop below 10°C.





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Spray Table

Spraying Method	Airless	Air mix With Air Support	Standard Gun
Spray Pressure (Bar)	100-120	80-100	-
Air Pressure (Bar)	-	1,5-2,0	3-4
Nozzle Size (mm)	0,28-0,33	0,28-0,33	2-2,5
Nozzle Size (inch)	0,011- 0,013	0,011-0,013	-
Spray Angle (°)	20-50	20-50	20-50
Dilution % by volume	None	Up to 5%	0-30%

Notes: For closed-grain woods, dilute 0-10% by volume with clean water.
For open-grain woods (e.g., Meranti, etc.), dilute 20-30% by volume with clean water.

Packaging

White	1 lt.	3 lt.	25 lt.
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Safety Instructions

Read the label before use. For detailed instructions and precautions, refer to the Safety Data Sheet.

Poison Control Center Phone: +30 210 77 93 777.



All information provided in these technical specifications is the result of the company's scientific knowledge and practical experience in applying the product. This document does not constitute a warranty, as the company cannot control or be responsible for the conditions and method of application, adjustment, and processing of the product by the customer. The customer must independently verify that the product is suitable for the intended application. The current version of the technical specifications supersedes all previous versions for this product.

ΕΡΑΜΜΗ ΚΑΤΑΝΑΛΩΤΗ
801 11 55500

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