

Aquadur PR 250

Technical Specification

Date of Issue: 19/11/2015

Version Number: 9th

Water-Based Insulating Impregnation Primer, Fungus and Blue Stain Resistant



Ideal for primary and intermediate coatings on wooden surfaces, both exterior and interior. Deep penetration, high waterproofing properties, and resistance to blue stain fungi. Insulating properties to protect wood. Odorless.

Spraying, dipping, or flow coating. For detailed spraying instructions, refer to the Spray Application Table on the packaging.

Thinning

For **dipping or flow coating**, dilute **30-40% by volume** with clean water.

Thinner

Water.

Main Area of Use

Ideal for primary and intermediate coatings on wooden surfaces, for both exterior and interior use.

Provides deep penetration, high waterproofing, blue stain fungi resistance, and insulation.



Physical/Technical Characteristics

Solids by weights (%w.w.):

51 ± 1 [ASTM D2369].

Density (Kg/L):

1,2 ± 0,012 [EN ISO 2811.01, 20°C].

Viscosity (KU):

110 ± 5 [ASTM D562, 20°C].

Drying Time 23°C, 50% RH:

Dust-free: 1 hour

Sanding: After 4 hours

Waiting time before 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 methods: Spraying, dipping, or flow coating. For dipping or flow coating, dilute 30-40% by volume with clean water.

For spray gun application, refer to the Spray Application Table below.

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.



Aquadur PR 250

Technical Specification

Date of Issue: 19/11/2015

Version Number: 9th

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	3 lt.	25 lt.
-------	-------	--------

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.



Σελίδα 2 από 2 / Page 2 from 2