

WOOD STAINS W 1500 series (IMPREGNANTI serie W 1500)

1) GENERAL INFORMATION AND INSTRUCTIONS FOR USE

1.1) General information:

A water-based acrylic wood stain tinted with clear pigments, capable of offering maximum protection to the substrate. This product is highly penetrating and the additives for preventing woodworm and mould reach deep into the wood fibres. Excellent for exterior and interior use, leaving the wood in its typical natural appearance, following its movements and making the maintenance processes of the substrate much easier; Odourless, ready for use.

1.2) Instructions for use:

Ideal for any wood staining and finishing work.

One or two coats of WOOD STAIN W 1500 SERIES on untreated wood are the ideal application process for excellent protection of both exterior and interior substrates.

Note: The use of WOOD STAIN W 1500 SERIES for exterior substrates must always be followed by CLEAR FINISH W 1570 SERIES (FINITURA TRASPARENTE SERIE W 1570) to protect against weather conditions.

We recommend applying two coats of Finish.

2) IDENTIFICATION PROPERTIES

Type of resin: Acrylic in water emulsion	
Specific weight: 1,000 g/litre \pm 20 g/litre	Total solids: 19% \pm 1% w/w
PH when packaged: ~ 9	
Kinematic viscosity at 20 °C: Ford viscosity cup/4: 15" \pm 2"	
Gloss meter: flat depending on the wood's absorption and number of coats applied	
Colours: See W series wood stain colour chart	

3) APPLICATION INSTRUCTIONS

3.1) Ambient and substrate conditions

Ambient temperature: minimum 5 °C maximum 40 °C
Ambient relative humidity: maximum 80%
Substrate temperature: minimum 5 °C maximum 40 °C
Maximum humidity of substrate: for wood and wood derivative substrates: 15-20%

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Colorificio Feroni S.r.l.

PRODUCTION

Wood stains - Paints - Thinners

3.2) Application with brush

Thinning: product is ready for use.

To lighten the colour, use CLEAR WOOD STAIN W1500 (IMPREGNANTE TRASPARENTE W1500).

The colours from the W 1500 series can be mixed together in any ratio.

Mix the product well before and during application.

Recommended yield, per layer: ~ 10 m² litre of product ready for use per coat.

3.3) Application with roller

Feasibility: possible

Thinning: product is ready for use.

To lighten the colour, use CLEAR WOOD STAIN W1500 (IMPREGNANTE TRASPARENTE W1500).

The colours from the W 1500 series can be mixed together in any ratio.

Mix the product well before and during application.

Recommended yield, per layer: ~ 10 m² litre of product ready for use per coat.

3.4) Application with industrial mechanical staining machine.

Feasibility: possible.

3.5) Application with air sprayer (air mix) and airless sprayer (air less).

Feasibility: not recommended.

3.6) Drying or hardening at 23 °C and 65% relative humidity.

Surface dry or dry to touch time: 30-40 minutes

Through drying time: 4-6 hours

Dry to recoat time: minimum 6 hours

3.7) Tool cleaning:

With water

For maximum protection of the wood substrate, we recommend applying approximately 200 g/m²

4)

STORAGE INSTRUCTIONS

Maximum storage temperature: 40 °C

Minimum storage temperature: 5 °C

Package formats available: 1 l – 5 l – 25 l

5)

TESTS PERFORMED

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5.1) Tests performed on the active ingredients of the formula against:

- INSECTS
- BACTERIA
- BLUE STAIN FUNGI
- WOOD ROT

5.2) Method

The technical tests are performed with natural exposure of the most common woods on the market (pine, fir, etc.).

The test cycles take 2 years, with six-monthly checks on the visual changes of the wood itself.

These tests allow the effective efficacy of the ACTIVE INGREDIENTS to be kept under constant control.

6)

SAFETY INSTRUCTIONS

Labelling in compliance with EC directives.
See updated safety data sheet.

This revision supersedes and replaces previous ones.

Although the above information is reliable, it must be considered as indicative. Its use does not imply any responsibility on our part. It is therefore the user's responsibility to assess in advance the suitability of the product for its intended use.

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