



H4 WOOD

WATERPROOF PROTECTION FOR WOOD



Product description	H4 WOOD is a colourless, waterproof protection for wood. Silicone free, it protects the wood from environmental attack. Hydrophobic and therefore water repellent, H4 WOOD allows wood to naturally grey while protecting against water ingress, mould, pollution... Stabilising the woods' lignin, H4 WOOD helps increase its service life and being completely colourless, H4 WOOD has no effect on the colour or appearance of the wood being treated.
Properties	<ul style="list-style-type: none"> • Water repellent - Protects surface against water ingress, mould, pollution, dirt... • Hydrophobic - Repels water. • Hybrid system - Silicone Free. • Highly compatible: <ul style="list-style-type: none"> - Can be overcoated with any finish (contact us). - Use as an additive (10%) in waterbased finishes to enhance their water repellent characteristics. • Non Film-forming - Allows wood to grey naturally while maintaining its internal structure. • Ideal for maintaining and protecting wood that has already greyed naturally. • Protects against everyday environmental attack - Prevents damage from weathering and UV rays. • Allows the transporting of timber in difficult conditions (containers, film wrapped pallets...). • Does not change the colour. Appearance remains unchanged. • Easy maintenance - No pressure washing required.
Basic uses	<ul style="list-style-type: none"> • Exterior only. • Horizontal and vertical surfaces. • Softwood - Untreated and pressure treated. • Hardwoods - Exotic and broadleaved.
Technical data	<p>Classification: Family I class 10f according to standard NFT36-005. Finish: Colourless. Vehicle Type: Hybrid. Solvent Type: Water. Specific Gravity (at 20°C): 1.00 ± 0.03. Physical State: Fluid. Solid Content: N/A. PH: Neutral. Flammability: Not classified as flammable. Shelf Life: 1 year minimum in original unopened packaging. Container Size: 1L, 2,5L, 10L. Colour: Clear. Application Temperature: 10°C to 30°C. Dry time (at 20°C and 50 % RH): 1 hour. VOC: < 3%.</p>
Application tools	<p>Brush. Roller. Spray.</p>

The information set out here are purely illustrative and are not the responsibility of the manufacturer, the application of products not made under his supervision.

Good application practice

Cover everything you do not wish to coat, including plants and shrubs.
Do not apply in direct sunlight or to hot surfaces. Surfaces in direct sunlight can reach temperatures of 60°C even when the air temperature is 30°C.
Do not apply if cold and/or wet weather is expected within 24 hours.
Do not thin.
Always work the entire length of a board or piece of wood to a logical break. Never stop application in the middle of a board or piece of wood.
After spray application, always back-brush or back-roll to improve penetration and uniformity of coverage.
Ensure wood is dry - max 18% moisture content.

Surface preparation

General Directions:

Surfaces must be clean, dry and free of dirt, grease, grime, mildew and previous coatings.
Treat mildew with a 50/50 bleach/water solution. Scrub solution on to surface and allow to stand for 10-15 minutes; rinse thoroughly.
After cleaning and/or stripping, allow wood to dry 2-3 good drying days or until it has reached a moisture content of 18% or less before applying finish.
H4 WOOD can only be applied to bare wood surfaces or weathered surfaces previously finished with H4 WOOD. H4 WOOD may also be applied to surfaces previously finished with OWATROL penetrating products TEXTROL[®]*, AQUADECKS[®]*... without the need for stripping. Contact us for additional information and advice before proceeding. ALL other finishes MUST be completely and thoroughly removed.
If necessary sand surface after cleaning and/or stripping (80 grit paper).

New wood:

Test wood for absorbency by sprinkling water on the surface. If water is absorbed quickly, the grain is sufficiently "open" and the surface is ready for finishing, proceed to Application. If water is not absorbed then proceed as follows:

Treat wood with AQUANETT[®]* or dilute PREPDECK[®]*, neutralise with NET-TROL[®]*, alternatively mechanically or manually abrade surface with 80 grit paper. Clean and dust off to remove all loose wood particles.

Untreated weathered woods:

- 1 - To keep grey look of the wood clean with N4*.
- 2 - To restore colour of wood clean with undiluted NET-TROL[®]* to remove all loose wood fibres, dirt and other surface contamination.

Previously treated surfaces (oiled, paint, stain, varnish...):

All previous finishes must be completely and thoroughly removed.

Oils and sealers: Strip with AQUANETT[®]* or PREPDECK[®]*, neutralise with NET-TROL[®]*.

Solvent (oil or alkyd based finishes): Strip with DILUNETT[®]*, neutralise with NET-TROL[®]*.

Acrylic finishes (Water-based): Strip with PREPDECK[®]*, neutralise with NET-TROL[®]*.

Other finishes i.e. 2 pack epoxies, urethanes...: Strip with CDKP[®] 90*, neutralise surface with a suitable solvent - Acetone, White Spirits, Methylated Spirits....

Note: Hardwoods inc' exotic hardwoods and woods rich in tannins i.e. Cedar, Douglas Fir, Teak, Ipe, Iroko... may darken with AQUANETT[®]*, PREPDECK[®]* and DILUNETT[®]*, neutralising with NET-TROL[®]* immediately after rinsing will lighten and restore the woods colour. Oak and Chestnut please contact us for additional information and advice.

Application

Apply a generous, even application of H4 WOOD.
Allow to dry 24 hours.

Coverage

3 to 6 m² per litre.
Actual coverage will vary depending on application method, type, texture and porosity of the wood.

Maintenance

Clean surface with N4.
Apply H4 WOOD as directed above.
To maintain optimum protection re-apply H4 WOOD at the following intervals:
- Vertical surfaces once every 12 months.
- Horizontal surfaces once every 6 months.

Clean-up

Clean all tools and equipment with soap and water immediately after use.

Storage

Keep from freezing and high temperatures.

General information

Every care is taken to ensure that the information provided in this technical data sheet is accurate. OWATROL International is unable to guarantee results as we have no control over the conditions under which our products are applied. For further advice and information please contact our technical department by email at info@owatrol.com or the local OWATROL Agent for your country.
The information above is correct at the date of issue.
All other OWATROL products named in this document should be used as per label instructions and the technical data sheet.

Safety

Refer to the safety data sheet (MSDS) available at www.owatrol.pro and text on the packaging. Keep out of the reach of children.

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* Same manufacturer

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Find all our solutions:

www.owatrol.pro