



## WR BASE COAT

Ready to use, liquid wood preservative!



4001  
Clear



1 COAT

### PRODUCT DESCRIPTION

Clear solvent-borne ready to use wood protection product for the exterior. It contains active ingredients which according to latest research protect against wood rotting (EN 113) and wood staining fungi as well as against wood destroying insects (EN 46). Swelling and shrinking is prevented. Osmo WR Base Coat has a faint odour during the application and is odourless after drying. Osmo WR Base Coat 4001 penetrates wood easily and thereby gets deep into inner layers. It is moisture regulating and provides an adhesive surface for subsequent treatment with finishing paints (top coat). It has a faint odour during the application and is odourless after drying.

### RECOMMENDED USE

Osmo WR Base Coat 4001 is a WOOD PRESERVATIVE FOR AMATEUR USE AGAINST WOOD ROTTING FUNGI, WOOD STAINING FUNGI AND WOOD DESTROYING INSECTS ON ALL OUTSIDE WOOD WHICH IS OUT OF DIRECT GROUND CONTACT AND/OR SURFACE WATER e.g.: facades, windows (inner and outer parts), exterior doors (inner and outer parts), carports, shutters and balcony railings. Not for indoor application.

### ACTIVE INGREDIENT:

0,5% w/w (5 g/kg; 4.0 g/L) 3-Iodo-2-propynyl butyl-carbamate (IPBC), 0,2% w/w (2 g/kg; 1.6 g/L) Tebucanazole, 0,06% w/w (0.6 g/kg; 0.5 g/L) Permethrin.  
Further ingredients: solvent, alkyd resin, additives.

### TECHNICAL DATA

Specific gravity: 0.8-0.9 g/cm<sup>3</sup> at 20°C  
Viscosity: inviscid  
Odour: faint, after drying odourless  
Flash point: >60°C acc. DIN EN ISO 2719

### STORAGE

Up to 2 years and more if can is kept dry and closed tightly. If thickened by frost, store 24-36 hours at room temperature before use.

### SURFACE PREPARATION/INSTRUCTIONS FOR USE

Wood surface must be clean, dry and frost-free (moisture content max. 20%).

Osmo WR Base Coat is ready to use, please do not thin. Stir well before use. Clean old microporous stains thoroughly. Old paints and lacquers must be completely removed. As a general rule, wear a dust mask during sanding works. Reseal container after use. Do not allow this product to reach aquatic environments, the ground or the sewer system. Protect environment (e.g. soil, plants, aquatic environment) from splashes of Osmo WR Base Coat 4001. Do not apply in damp conditions or if rain is imminent.

### METHODS OF APPLICATION

Apply by (brush or roller) spreading out thinly and evenly along wood texture.

Number of coats required: 2-3, depending on wood species and surface characteristics.

Coat the clean, dry and frost-free wood generously – if possible on all sides.

The product should be applied evenly in order to get best results.

Processing temperature: 10 – 30°C

### APPLICATION QUANTITY

160 ml/m<sup>2</sup>.

### CLEANING OF TOOLS

With Osmo Brush Cleaner (free of aromatic compounds).



## DRYING TIME

Approx. 12 hours (normal climatic conditions, 20 °C/ 65 % rel. humidity). Lower temperatures and/or higher air humidity increases the drying time.

## COVERAGE

1 litre covers approx. 5-6 m<sup>2</sup> with one coat.  
Product coverage depends significantly on the character of the wood. All information refers to smooth and planed/cut surfaces. Other surfaces may lead to reduced coverage.

## NOTE

Osmo WR Base Coat is not to be used alone, instead it is a clear impregnation to protect wood against rot, blue stain and insect attack.

Compatible with all common types of glue and putty (except silicone products). We recommend galvanized, anti-corrosive fasteners.

To guarantee full protection (against UV rays) and the long-lasting beauty of wood, a top coat (e.g. with One Coat Only HSPlus, Natural Oil Woodstain, Country Colour, Opaque White Gloss or UV-Protection-Oil) is required after the impregnation has completely dried. If the coloured surface should have an external surface protection (film protection), we recommend for non-biocidal wood finishes (One Coat Only HS<sup>Plus</sup> and Country Colour) a top coat with UV-Protection-Oil Extra.\*

\* Do not coat white finished surfaces with UV-Protection-Oil Extra.

## PRECAUTIONARY INFORMATION

The precautions generally recommended for handling wood protection products should be observed, e.g. wearing of protective clothing, safety goggles and protective gloves (e.g. nitrile rubber gloves). When using do not eat, drink or smoke. Handle product and dry freshly treated wood in areas with good ventilation. Keep freshly treated wood roofed or otherwise protected against rain until complete dryness. Do not breathe sanding dust. During application to in situ timbers and whilst surfaces are drying do not contaminate soil and surface waters with product. Keep out of the reach of children.

## RISK MITIGATION MEASURES

This material and its container must be disposed of in a safe way. DO NOT CONTAMINATE FOOD-STUFFS, EATING UTENSILS OR FOOD CONTACT SURFACES. WASH HANDS AND EXPOSED SKIN before meals and after use. KEEP IN A SAFE PLACE. UNPROTECTED PERSONS AND ANIMALS SHOULD BE KEPT AWAY FROM THE TREATED AREAS FOR 48 HOURS OR UNTIL SURFACES ARE DRY. AVOID ALL CONTACT WITH PLANT LIFE. COVER ALL WATER STORAGE TANKS before application. ALL BATS ARE PROTECTED UNDER THE WILDLIFE AND COUNTRYSIDE ACT 1981: BEFORE TREATING ANY STRUCTURE USED BY BATES; CONSULT NATURAL ENGLAND; SCOTTISH-NATURAL HERITAGE OR THE COUNTRYSIDE COUNCIL FOR WALES. HAZARDOUS TO BEES. DO NOT USE ON BEEHIVES OR BEEKEEPING EQUIPMENT. 3-iodo-2-propynyl-N-butyl carbamate is a carbamate compound which has weak anticholinesterase activity. DO NOT USE if under medical advice not to work with anticholinesterase compounds. FOR OUTDOOR USE ONLY.

READY TO USE LIQUID WOOD PRESERVATIVE FOR USE ONLY AS A WOOD PRESERVATIVE.

## CONTAINS

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics, 3-iodo-2-propynyl butyl carbamate, tebuconazole, permethrin (ISO)  
May be fatal if swallowed and enters airways.  
Very toxic to aquatic life with long lasting effects.  
Contains 3-iodo-2-propynyl butyl carbamate. May produce an allergic reaction.  
Repeated exposure may cause skin dryness or cracking.  
Keep out of reach of children. Read label before use. If medical advice is needed, have product container or label at hand. Avoid release to the environment. IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. Store locked up. Dispose of contents and container in accordance with all local, regional, national and international regulations.



## NOTES ON BIOCIDES

Use biocides safely. Always read label and product information before use.

## DISPOSAL INFORMATION

Completely empty cans can be recycled as normal. Dispose left over product in the original container in compliance with local regulations. Do not dispose product residues or cleaning wastes into the sewer system (drains), into waterways or into the soil. Do not reuse empty containers.

European Waste Code (EWC)-Code

03 02 02: organochlorinated wood preservative.

15 01 10: packaging containing residues of or contaminated by hazardous substances

HSE: 10169

EXPIRY DATE: 2 years from production date

Danger



## COLOUR TONES

4001 Clear

## CAN SIZES

0.75 L; 2.50 L; 25 L

The above mentioned information is provided to the best of our knowledge however without any liability.

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