

# Roxil Wood Preserver

## Product Description

**Roxil Wood Preserver** is a wood preservative used for pre-treatment of wood in outdoor areas. It penetrates deeply into the wood and contains active ingredients which are effective against wood-destroying and wood-discolouring fungi and woodworm. **Roxil Wood Preserver** can be applied to timber by brush, roller or coarse spray.

## Benefits

- Penetrates deeply into wood
- Provides excellent protection against rot, fungi and woodworm
- Forms an adhesive surface for subsequent treatment with finishing paints
- Odourless when dry
- Proven effective in tests to European Standards

## Properties

Appearance	White liquid
Recipe Type	Liquid, water-based
Density	1.0 g/cm <sup>3</sup>
Size(s) & Packaging	5 litre and 1 litre jerry cans
Coverage <sup>[1]</sup>	1 litre covers 8 m <sup>2</sup> . A 5 litre pack covers 40 m <sup>2</sup>
Storage	Store product in tightly closed original container at temperatures above 0°C and below 30°C. Keep out of reach of children
Shelf Life	24 months
Active Ingredient(s)	Propiconazole (0.9% w/w), Permethrin (0.083% w/w), IPBC (0.3% w/w)
Effective Against	Wood destroying, wood discolouring fungi and woodworm
Efficacy Test Data	EN 152, EN 113+84 and EN 46-1
HSE Number	10044



## Application Information

### Preparation

This product must only be used on outdoor wood which is not in direct contact with soil or surface water. Do not use this product indoors.

The wood surface being treated must be clean and dry before treatment can begin. All coatings should be completely removed and, if necessary, grey or deteriorated wood should be sanded down to a clean, sound surface.

**Roxil Wood Preserver** should only be applied in dry conditions in temperatures between 10 - 30°C, and must be left to dry for a minimum of 24 hours after application.

### Application

Stir well before use. Apply 1 litre of product per 8 m<sup>2</sup> of surface with a brush or roller — one 5 litre unit can cover 40 m<sup>2</sup> <sup>[1]</sup>. Apply 2 - 3 coats depending on wood species and surface characteristics. Treated timber must be coated with a suitable finishing paint or **Roxil Wood Protection Cream** after the product has been left to dry for a minimum of 24 hours.

Professionals may also spray at a rate of 8 m<sup>2</sup> per litre.

After application, tools should be cleaned immediately with warm, soapy water.

<sup>[1]</sup> The coverage will vary depending upon the overall porosity of the substrate to be treated.

## Other Information

**Roxil Wood Preserver** has been authorised for use against wood-rotting fungi on softwood and wood discolouring fungi and woodworm on wood in use class 2 and use class 3.

**Use Class 2:** Situation in which the wood or wood-based product is under cover and not exposed to the weather (particularly rain and driven rain) but where occasional, but not persistent, wetting can occur.

**Use Class 3:** Situation in which the wood or wood-based product is above ground and exposed to the weather (particularly rain)

**Roxil Wood Preserver** is for use on timbers not in ground contact, either continually exposed to the weather or protected from the weather but subject to frequent wetting.

**Roxil Wood Preserver** has a drying time of 4 - 6 hours under normal conditions (20°C/65% relative humidity). Low temperatures, increased humidity and ingredients of some wood types may increase drying time. Allow a minimum of 24 hours of drying time under normal conditions before application of a top coat.

This material and its container must be disposed of in a safe way. Do not empty into drains. Do not contaminate ground, waterbodies or watercourses with chemicals or used container.

Species of fungi used: Coniophora puteana, Poria placenta, Gloeophyllum trabeum (Brown rot) and Coriolus versicolor (White rot)

Results: No significant mass loss at the lowest tested retention of 49.8 kg preservative per m<sup>3</sup>

### EN 46-1

Laboratory method to determine the preventive efficacy against recently hatched larvae of wood-destroying house longhorn beetle after evaporative aging procedure according to EN 73.

Laboratory method to determine the preventive efficacy against recently hatched larvae of wood-destroying house longhorn beetle after evaporative aging procedure according to EN 84.

Species of beetle used: Hylotrupes bajulus

Results: The formulation was efficacious at preventing wood destruction by Hylotrupes bajulus on artificially aged pine at a retention of 120 ml product per m<sup>2</sup>.

Keep out of reach of children and animals. Unprotected persons and animals should be kept away from treated surfaces until dry. For full health and safety information consult Safety Datasheet (available on request). Always read the label.

**Roxil Wood Preserver** is produced in accordance with ISO 9001 and ISO 14001 quality and environmental management systems.

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## Test Data

The effectiveness of **Roxil Wood Preserver** has been shown using the following European harmonized test standards:

### EN 152

Laboratory method for determining the protective effectiveness of a preservative treatment against blue stain according to EN 152 after 4 weeks of artificial weathering

Species of fungi used: Aureobasidium pullulans (de Bary), Sclerophoma pithyophila (Corda)

Results: 6 tested specimen with no blue stain on the surface and a blue stain free zone of minimum 1 mm.

### EN 113

Determination of the protective effectiveness against wood destroying basidiomycetes according to EN 113 in combination with evaporative ageing procedure according to EN 73

Determination of the protective effectiveness against wood destroying basidiomycetes according to EN 113 in combination with leaching procedure according to EN 84