

Roxil® Wood Protection Liquid

Product Description

Roxil® Wood Protection Liquid is a liquid, water-based silicone emulsion used to protect timber. The silicone waterproofs the surface and protects the wood from the undesirable effects of moisture which can result in rot and decay. **Roxil® Wood Protection Liquid** can be applied by brush or spray.

Benefits

- Waterproofs absorbent wood such as softwood timber
- Retains natural appearance
- Reduces mould and algae growth
- Reduces water uptake for improved resistance to warping
- Long lifetime (10 years on softwood ^[1])

Properties

Appearance	White liquid
Density	1.0 g/cm ³
Size(s) & Packaging	5 litre and 1 litre jerry cans, 500 ml spray bottles
Coverage	5 m ² per litre ^[2]
Service life	10 years ^[1]
Storage	Store in a cool dry place. Protect from frost
Shelf Life	12 months

Application Information

Roxil® Wood Protection Liquid is recommended for use on softwood timber, including water susceptible species such as pine.

Preparation

All coatings should be completely removed and, if necessary, grey or deteriorated wood should be sanded down to provide a clean, sound surface.



The wood surface to be treated must be clean and dry before treatment can begin. It is recommended to use a cleaner such as **Roxil® 100 Wood & Patio Cleaner** to cleanse the wood surface before applying **Roxil® Wood Protection Liquid**. Ensure all new wood is free of factory treatments and is freshly cleaned before application, this is particularly important for new wood in horizontal situations such as benches and decking where moulds can sometimes be seen, a biocidal wash such as **Roxil® 100 Wood & Patio Cleaner** should be used. Allow to dry for at least 24 hours before applying **Roxil® Wood Protection Liquid**.

Only apply **Roxil® Wood Protection Liquid** when rain is not forecast for the next 24 hours. **Roxil® Wood Protection Liquid** should not be applied to wet surfaces, or where it has rained in the last 24 hours.

Test Area

Roxil® Wood Protection Liquid has been formulated as a colourless protection for use with absorbent wood such as softwood timber and weathered hardwoods. It is recommended to try a small test area before full application to determine compatibility.

If staining is required, better compatibility can be achieved by using **Roxil® Wood Protection Cream**.

Application

Roxil® Wood Protection Liquid should be applied in temperatures between 5 – 30 °C. Wear suitable protective clothing (including protective gloves).

^[1] Based on accelerated QUV aging and good maintenance. Regular maintenance of timber will improve lifetime of product.

^[2] Based on the product being applied in two coats. Coverage will vary depending upon the overall porosity of the substrate to be treated.

Shake well before use. Apply by brushing or spraying. Two coats should be applied for optimum coverage, the second coat should be applied while the first coat is still wet, typically within 30 minutes.

Care should be taken to ensure **Roxil® Wood Protection Liquid** does not splash onto glass, paintwork, plants, patios etc as removal of silicone resin splashes after drying can be very difficult. Any splashes should be wiped away immediately and cleaned with warm soapy water. If splashes are left to cure a silicone remover may be required.

After application the silicone will penetrate into the wood and form a water repellent barrier. Full water repellency will develop over a period of one month.

After use clean brushes or sprayer with soapy water.

Maintenance

The service life of **Roxil® Wood Protection Liquid** can be enhanced by regular maintenance. On occasion it is expected that a small amount of organic growth may settle on the surface, this can be removed by gentle cleaning using Roxil® 100 Wood & Patio Cleaner.

Other Information

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 Protection Liquid is produced in accordance with ISO 9001 and ISO 14001 quality and environmental management systems. **Roxil® Wood Protection Liquid** is nonhazardous to the environment.

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