

Microshield Wood Protector



Description

Microshield Wood Protector is a solvent free silicone water repellent designed to impart long lasting and reliable water repellence combined with a beading effect to softwoods.

Microshield Wood Protector protects the wood whilst preserving the breathability, without affecting the surface visually. The special formulation of flexible silicone resins protects the wood against moisture penetration and guarantees exceptionally long-lasting and reliable protection from the weather and other harmful effects of moisture.

For use on wood that is not in constant contact with dampness.

Benefits

- Water based and solvent free
- Significant reduction of water uptake
- Reduces swelling and shrinking
- Reduces organic growth on the surface
- Improves stability of wood

- Does not stop timber from naturally greying
- Does not form a film on the surface
- Fully "Breathable" system
- Imparts a beading effect to the surface
- Long lasting weatherproofing > 10 years on softwood

Beading Effect

Wood treated with Microshield Wood Protector will develop a beading effect within 24-48 hours after application.

Preparation

Wooden surfaces to be treated should be dry and free from oil, grease, dust, dirt, biological growth (moss or algae) and any previous coatings. It is important when cleaning the substrate not to use detergents as these can interfere with the hydrophobic effect of Microshield Wood Protector.

Test a small, representative area to ensure the product is not repelled and also that the dry finished surface appearance is acceptable.

Application

Microshield Wood Protector should be applied by brush or spray at a rate of 0.1/m² - 0.2l/m² per coat. The coverage will depend on the absorbency of the wood. Two coats should be applied for optimum coverage and penetration. The second coat should be applied whilst the first coat is still damp typically 15 -30 minutes later.

Care should be taken when applying near areas such as windows, painted surfaces, pathways, plants etc as once dry Microshield Wood Protector is difficult to remove from non-target surfaces. Any splashes should be cleaned immediately with warm soapy water.

Do not use/apply if temperatures are below 5°C, above 25°C or rain is expected in 24 hours.

Coverage

100 - 200ml/m² (1L per 5-10m²) per coat dependent on porosity of timber and application method. A minimum of two coats should be applied at the above rate. Ideally wet on wet.

Drying

Microshield Wood Protector can be touch dry in as little as 10-30 minutes depending on wood type and the ambient conditions. However this will vary on ambient temperature and porosity of wood. In most conditions it can be touch dry in 30 minutes to an hour. At this point it is ideal to apply the second coat.

Finish

The product does not have a finish and leaves the wood slightly darkened for a short period of time after application. It also imparts a beading effect to the surface which will develop in 24 – 48 hours.

It is always advisable to try on a small inconspicuous area before application to ensure product finish is as expected.

Over Coating

Product can be over coated however we suggest it is left for a couple of months to weather before further coatings are applied.

Clean Up

Remove most of product from brushes with tissue and wash brushes or sprayers with soap and warm clean water.

Technical Data

Packaging:	5 Litre containers
Storage:	A storage temperature within a range of + 5 to + 25°C, protect from frost. Store in original container.
Shelf Life:	12 months in original unopened container.
Life Expectancy:	>10 years when installed as per data sheet.
Stability:	Product is stable in original packaging for a year when stored under ambient conditions.
Disposal:	Empty packaging should be rinsed out and be rendered useless by slitting and then placed in normal waste disposal or recycling.

Health & Safety

Microshield Wood Protector is classified as non-hazardous under current EC regulations.

As with all chemicals we recommend goggles, nitrile gloves and impermeable coveralls are worn when handling this product. For further details please consult the safety data sheet.