



# TDS

## TECHNICAL DATA SHEET

# WOOD REVIVER



### DESCRIPTION

Wood Reviver is a ready to use water-based formulation, containing a biodegradable organic acid found naturally in plants such as rhubarb and spinach. It will turn back the clock on greying rough sawn or smooth UV damaged wood restoring it to its original warm tones. It is easy to apply & gives results usually within around 20 minutes, saving labour, mess and dust from heavy sanding.

Wood Reviver can also rescue wood from stains caused by surface mould, tannin runs, watermarks, iron, rust and light dirt. Wood Reviver can be used on a wide range of hardwoods and softwoods. It is ideal for sheds, fences, decking and outdoor wooden furniture. Some timber will show a greater colour change than others, particularly those with high tannin content, e.g. oak, iroko. The product is only suitable for exterior use.

**IMPORTANT:** Before use, test a small, insignificant area with the Wood Reviver and subsequent products being used, to ensure that you are happy with the finished result.

### PREPARATION

Shake the product before use and ensure the wood is free from dirt and any remaining wood treatments before application. Barrettine Mould & Mildew Cleaner can be used to remove algae and lichen. Wood Reviver may remove or penetrate through some wood finishes but this cannot be guaranteed. This should be verified on a small test area before using the product. If the Wood Reviver does not penetrate through to the wood, the wood finish must be removed by sanding or use of a suitable paint stripper, such as Barrettine Paint Panther® or Peelaway®. The product should be applied between 5°C – 30°C and ideally out of direct sunlight. Move any potted plants away from the area that you're working in.

If plants can't be moved, dampen with water and cover if possible. The product may cause localised browning to the leaves if it does make contact. If this occurs, rinse with plenty of clean water to dilute the active ingredient. Wood Reviver should not come into contact with calcareous stones such as limestone or marble, as damage may occur. If contact occurs, wipe away product immediately and rinse the affected area with water. Remove metal fixings if possible, such as bolts and handles. Direct or prolonged application to metal fixings should be avoided, due to potential discolouration and damage. Zinc fixings are especially susceptible and should be wiped clean immediately.

### SAFETY PRECAUTIONS

Suitable protective clothing should be worn when handling, including long sleeves, gloves and eye protection to protect from splashes. Children and pets should be kept away from the area until the treated wood has been fully rinsed away.

### APPLICATION

First, wet the wood using clean water. This will allow the product to penetrate further before drying out. Next, using a brush or roller, apply Wood Reviver generously in the direction of the wood grain. For large areas, treat approximately 2m<sup>2</sup> at a time to prevent the product drying out. The wood to be treated should be coated evenly on all visible sides of each panel to prevent differences in colour.

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## APPLICATION

Leave the Wood Reviver for 15-30 minutes minimum; if it appears to be drying out, spray lightly with water. To rehydrate smooth wood wipe gently using a damp cloth, on rough or dirty wood use a non-metal brush & water. If product dries out completely, rehydrate with plenty of water and allow to soak for 5 minutes before continuing.

Rinse away the Wood Reviver thoroughly with clean water, scrubbing further if necessary. It is not recommended to use a pressure washer as this can lead to dirt and mould spores being forced into the wood. Pressure washers can also damage the wood fibres and saturate the wood, causing problems with the adhesion of future coatings.

Allow wood to dry fully for approximately 24 hours fully before treating with a protective finish. Lower temperatures and higher humidity can extend the drying time. Colour change may not be fully visible until the wood has dried and the surface may require light sanding to restore to a smooth finish before recoating. Reapply as necessary. Clean brushes and any splashes using soap and water or Barrettine BioSpirit.

## COVERAGE

Approximately 4m<sup>2</sup>, depending on wood type and porosity. 1L is sufficient to cover both sides of a standard size door.

## AFTERCARE & MAINTENANCE

After using Wood Reviver, it is advisable to wash down with Barrettine Mould & Mildew Cleaner, to kill any mould spores which may be present. After treatment, it is essential to protect the wood against water damage with a suitable top coat. Wood treated with Wood Reviver can be recoated using most oil and solvent based coatings and some water-based ones. However, it is recommended to test compatibility on a small test area before use, as residual oxalic acid may cause certain water-based products to dry with a cloudy finish. To delay wood from greying/silvering in future, a product containing UV protection should be used. Treating with Barrettine UV Cladding or Barrettine UV Decking Oil will absorb the UV before it reaches the wood, slowing the greying process.

## STORAGE

Store between 5-30°C, do not allow product to freeze. Shelf life in unopened packaging is 2 years from date of manufacture. Below 5°C, crystals can form in the formulation. These can be re-dissolved by warming the bottle to ~20°C for several hours and shaking thoroughly.