

Brookridge Timber



A Division of the Brookridge Group



MicroPro ^{*}
micronized timber

Brookridge Timber

MicroPro Micronized Preserved Timber, Looks Different, Because It Is Different

- Lighter, Consistent, Fresher “Natural” colour, Better paint and stainability.
- Improved corrosion protection for exterior fasteners and hardware.
- Setting environmental management benchmark
- Pigmented Colouring System with improved weathering profile

Koppers MicroPro

Revolutionary New Technology

MicroPro® technology is a revolutionary new wood preserving process system. The Koppers MicroPro wood preservative system is based on micronized copper and quaternary compounds. Wood pressure treated with MicroPro technology offers many benefits.

Modern Fresh Appearance

MicroPro pressure treated wood is lighter in colour compared to current copper based treated products. The unique appearance will help differentiate the product in the marketplace. The attractive colour allows DIY enthusiasts and contractors to build with treated timber that appears lighter, fresher, and more natural in appearance.

European versions of Micronized copper preservatives will be manufactured, using the proprietary Koppers MicroPro technology, under the control systems of ISO 14001, the recognised standard in Europe for environmental management.



The MicroPro Process

Unlike current preservative formulations the MicroPro technology introduces the copper into the timber cells in a micronized solid format.



Reduces Copper Release

Wood products treated with the Koppers MicroPro preservative system result in the release of less copper into aquatic and terrestrial environments compared to standard treated wood products.

Koppers MicroShades

MicroPro pressure treated wood products can also be available in an attractive red/brown colour when produced in conjunction with the MicroShades® colour pigment system.

Koppers MicroShades is the only pigmented wood colourant system that can be used 'in solution' as part of the wood impregnation process. This system provides an improved colour life in treated wood products, compared to traditional dye based systems.



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Brookridge and Koppers MicroPro working together for you

Warranty Scheme

Brookridge can provide a 30 year warranty on our MicroPro micronized products by working closely with Koppers to ensure our standards and treatment process remains at the highest levels, and are compliant with BS 8417 standards.



Importance of Correct Specification

At Brookridge Timber great emphasis is put on establishing every customer's intended end use of timber products at initial point of contact. This facilitates correct species selection and pressure treatment cycle to ensure the timber supplied is fit for purpose.

For further details refer to the Koppers Treatment Specification Guide. www.kopperspc.eu

USE CLASS TABLE

Use Class (UC)	Use
1	Internal Joinery, Domestic Structural Roof Timbers, First Floor Joist
2	Domestic Structural Roof Timbers (Risk of Condensation), Tiling Batten, Flat Roof Timbers, First Floor Joist
3	External Joinery, Fence Rails, Decking, Featheredge, Barge Boards, Fascia Boards, External Cladding, External Joinery

Koppers MicroPro Reduces Environmental Impacts

Koppers MicroPro is a revolutionary new technology that is being used to create a new generation of wood preservatives across the world.

GREENGUARD Children & Schools Certification indicates that a product has undergone rigorous testing and has met stringent standards for low volatile organic compound (VOC) emissions. Products certified to this criteria are suitable for use in schools, offices and other sensitive environments. Certified products are listed in the free online GREENGUARD Product Guide which is a valuable tool for architects, designers, product specifiers and purchasing organizations that want to locate, specify and purchase low-emitting products for indoor environments. "By achieving GREENGUARD Certification for their MicroPro technology, Koppers has demonstrated to buyers, retailers, and consumers their commitment to environmental excellence, healthy lifestyles, and sustainable living" said Henning Bloech, Executive Director of GEI.

The GREENGUARD Children & SchoolsSM Certification Programme is among the most stringent chemical emissions standards in the world requiring products to be tested annually and monitored

quarterly for more than 10,000 different chemicals. The Koppers MicroPro technology has been awarded the GREENGUARD Children & Schools Certification.

The GREENGUARD Environmental (GEI) has achieved ISO/IEC Guide 65:1996 accreditation- the world's most prestigious endorsements of a product certification programme as developed by the International Organization for Standardization.



For further information 01823 680546

www.brookridgegroup.co.uk

Important Information



MicroPro pressure treated wood has corrosion rates on metal products similar to CCA pressure treated wood and untreated wood. Use fasteners and hardware that are in compliance with the manufacturer's recommendations and the building regulations for their intended use. When using aluminium products in conjunction with MicroPro treated wood, refer to the additional MicroPro Fastener information. For interior or exterior applications, use fasteners and hardware that are in compliance with the manufacturer's recommendations and the building regulations for their intended use. As with any good design and construction practices, MicroPro treated wood should not be used in applications where trapped moisture or water can occur. Where design and/or actual conditions allow for constant, repetitive or long periods of wet conditions, only stainless steel fasteners should be used.

- Do not burn preserved wood.
- Wear a dust mask and goggles when cutting or sanding wood.
- Wear gloves when working with wood.
- Some preservative may migrate from the treated wood into soil/water or may dislodge from the treated wood surface upon contact with skin. Wash exposed skin areas thoroughly.
- All sawdust and construction debris should be cleaned up and disposed of after construction.
- Wash work clothes separately from other household clothing before re-use.
- Preserved wood should not be used where it may come into direct contact or indirect contact with drinking water, except for uses involving incidental contact such as fresh water docks and bridges.
- Do not use preserved wood under circumstances where the preservative may become a component of food, animal feed, or beehives.
- Do not use preserved wood for mulch.
- Only preserved wood that is visibly clean and free of surface residue should be used.
- If wood is to be used in an interior application and becomes wet during construction, it should be allowed to dry before being covered or enclosed.
- Disposal Recommendations: Preserved wood may be disposed of in landfills or burned in commercial or industrial incinerators or boilers in accordance with National and Regional regulations.
- If you desire to apply a paint, stain, clear water repellent or other finish to your preservative treated wood, we recommend following the manufacturers instructions and label of the finishing product. Before you start, we recommend you apply the finishing product to a small test area before finishing the entire project to ensure it provides the intended result before proceeding.
- Mould growth can and does occur on the surface of many products, including treated or untreated wood, during prolonged surface exposure to excessive moisture conditions. To remove mould from treated wood surfaces, wood should be allowed to dry. Typically, mild soap and water can be used to remove surface mould.

For further information visit www.kopperspc.eu

Brookridge Timber

A stylized graphic of three green pine trees of varying heights, positioned to the right of the word 'Timber' in the main heading.

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