THE USER'S GUIDE TO CELCURE® MC-T3 PRESERVED WOOD

What is Celcure MC-T3 Preserved Wood?

Properly treated Celcure MC-T3 preserved wood is protected against attack by wood rotting fungi, wood destroying insects, and termites.

Celcure MC-T3 preserved wood, treated to an appropriate specification, can be used for structural timber, sole plates, garden furniture, playground equipment, patios, decks, fencing, garden edging, and landscaping structures such as pergolas.

IMPORTANT INFORMATION

Wear gloves when working with wood. Wear a dust mask and goggles when cutting or sanding wood.

Only preserved wood that is visibly clean and free of surface residue should be used.

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.

If you desire to apply a paint, stain, clear water repellent or other finish to your preservative treated wood, we recommend following the manufacturer's instructions and label of the finishing product. Before you start, we recommend that you apply the finishing product to a small test area before finishing the entire project to ensure that it provides the intended result.

When treated for indoor use, or outdoor use with a topcoat (UC1, UC2, and UC3.1 not in ground contact specifications), treated timber should be stored in dry conditions for storage and transport. UC1-3.1 treated timber, which is not coated, wrapped or covered, should not be exposed to excessive or prolonged periods of rainfall or wetting before installation nor allowed to rest in standing water. Installed timber should be appropriately sealed and protected from weathering as soon as practically achievable and should not be exposed directly to excessive weathering during the construction phase. If wood is to be used in an interior application and becomes temporarily wetted during construction, it should be allowed to dry before being covered or enclosed.

Mould growth can and does occur on the surface of treated or untreated wood, during prolonged surface exposure to excessive moisture conditions. To minimise the growth of mould, store timber in a cool, dry and well-ventilated environment. To remove mould from treated wood surfaces, wood should be allowed to dry. Typically, mild soap and water can be used to remove remaining surface mould.

Preserved wood should not be used where it may come into direct or indirect contact with drinking water.

Preserved wood must not be placed near or over water.

Do not use preserved wood for uses involving contact with food, feed or livestock.

Do not use preserved wood as mulch.

Do not burn preserved wood (see Disposal). All sawdust and construction debris should be cleaned up and disposed of after construction using a method approved by a waste disposal authority.

Effective Use of Preserved Wood

Cutting

Preserved wood should not be cut or otherwise reworked as this will expose untreated wood. If cutting cannot be avoided, then precautions should be taken to keep airborne dust levels below the Workplace Exposure Limits for wood dust. In particular avoid inhalation of dust when using high speed cross-cut saws or mechanical sanders. Any surface exposed by drilling or cutting must be retreated with a cut end preservative. Failure to do this will reduce the effectiveness of the preservative. It is recommended that the retreated ends are not put in the ground or in direct contact with water. Rip sawing, thicknessing and planing are not permitted unless the timber is subsequently retreated to the original specification.

Metal Fastenings and Hardware

Certain metal products (including fasteners, hardware and flashing) may corrode when in direct contact with wood treated with copper-based preservatives. To prevent premature corrosion and failure it is important to follow the recommendations of the manufacturer for all metal products.

Colour

Freshly treated Celcure MC-T3 preserved wood begins with a very light green colour and will turn to a honey tan colour after exposure to sunlight. As with most outdoor wood products, Celcure MC-T3 preserved wood will eventually fade to grey. Celcure MC-T3 preserved wood is lighter in colour compared to other copper based treated products, which benefits subsequent painting or staining. Celcure MC-T3 preserved wood is also available in various colours when produced in conjunction with the MicroShades® colour pigment system.

Installation

In decking, and as a general rule, install boards bark side down (annual rings are downward) to reduce splitting (see Figure below); however, the best face should be placed up when a defect of the wood is apparent.

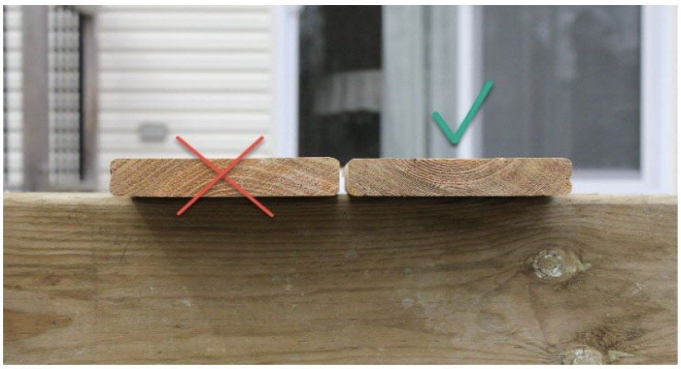

Figure taken from Plasticine House.com "Installing Deck Boards: Crown Up or Down?

Fasten thin boards to thicker boards to maintain structural integrity. It is a good idea to drill pilot holes for your fixings when screwing near the edge or end of a board. This will minimise splitting. If the wood has become wet by exposure to rain, butt decking boards together during construction. As drying occurs, some shrinkage can be expected. If the wood is dry, space the boards to allow for expansion in wet weather. During the weathering of treated or untreated timber, extractives in the timber may run off and stain surrounding surfaces. Consideration should be given when intending to fix timber above surfaces where staining would be undesirable e.g., above light-coloured render.

Gluing

Celcure MC-T3 preserved wood can be glued with most commonly used adhesives once dry. Always follow the adhesive manufacturer's recommendations.

Disposal

Celcure MC-T3 preserved wood that is no longer usable, such as off-cuts, broken boards, sawdust or preserved wood material taken out of service may be disposed of in accordance with national and local regulations. For up-to-date information please contact Koppers.

Biocidal Product Regulation (BPR) - Article 58 Information

According to BPR, Celcure MC-T3 preserved wood is a "treated article" which incorporates biocidal products.

Celcure MC-T3 preserved wood must not be placed near or over water.

Contains: Basic copper carbonate, Tebuconazole.

ADDITIONAL INFORMATION

Celcure MC-T3 treated wood products are produced by independently owned and operated wood preserving facilities.

Koppers Performance Chemicals provides a range of products and technologies for the treatment, protection and enhancement of timber.

For more information visit www.kopperspc.eu or email kpc@koppers.eu

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