



Celbronze Gold AC Dye

Brown dye additive for Celcure AC working solutions

DESCRIPTION

Celbronze Gold AC Dye is a water-based dye concentrate for addition to the working solution of Celcure AC-500 wood preservative.

Celcure AC-500 is supplied as a liquid concentrate and diluted solutions are applied to timber in an industrial, controlled treatment process using vacuum pressure impregnation.

FEATURES

- Gives brown colour to preserved wood
- Intensity of colour can be adjusted
- Supplied as a concentrate
- Simple to add to working solutions

PROPERTIES

Water-based, odourless dark brown liquid. Miscible with water. pH 6.0 – 7.0

PACKAGING and STORAGE

Celbronze Gold AC Dye is supplied in 25 Kg drums or 500 Kg and 1000 Kg IBC's.

Store in cool, well ventilated area. Protect from frost. Keep container tightly closed. Must only be kept in original packaging.

HANDLING

Avoid contact with skin and eyes. After contact with skin, wash immediately with plenty of soap and water.

The Control of Substances Hazardous to Health Regulations (COSHH) 2002 may apply to the use of this product at work. Engineering control of operator exposure must be used where reasonably practicable in addition to the following items of personal protective equipment. However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

Wear suitable protective clothing, gloves and eye/face protection.

See the Celbronze Gold AC Dye Safety Data Sheet for further information.

DISPOSAL

Dispose of unused product and empty containers in accordance with local and National regulations.

RECOMMENDATIONS FOR USE

Mixing

Celbronze Gold AC dye concentrate is mixed with Celcure AC-500 working solution at a rate of 1.0% -

1.5% w/v depending upon the colour required. Regular agitation of the treatment solution is recommended.

Timber

The timber to be preserved and coloured shall be clean, dry, and not decayed by fungi or attacked by insects. The moisture content of the wood shall be appropriate for the preservative treatment method and end use. At the time of preservation the timber moisture content must be below the fibre saturation point (approximately 30% m/m).

In addition, the timber should be free of sawdust and debris, and packs to be treated should be loosely bound when loaded into the treatment vessel.

Application

The Celcure AC-500 working solution containing Celbronze Gold AC Dye should be applied using a vacuum pressure impregnation plant operated in accordance with the Osmose Operations Manual, using a cycle which ensures full pack penetration.

The coloured Celcure AC-500 working solution should be handled in accordance with the requirements of the Celcure AC-500 label and the Safety Data Sheet.

The colour of timber treated with Celbronze Gold AC Dye can vary due to the moisture content, timber species and heartwood/sapwood ratio. Other factors such as sawdust between pieces and tightness of pack banding may also influence the colour achieved.



ISO 9001
FM 01724



ISO 14001
EMS 36409

Drying of treated timber

The treated timber should be handled in accordance with the Celcure AC-500 label.

Treated wood must be held until surfaces are dry within a banded area on a site which is maintained to prevent loss of treatment product to the environment.

Treated timber will dry naturally, but to minimise the drying period, tightly bound packs should be stickered and then allowed to stand in a well-ventilated area, out of direct sunlight. Care should be taken not to despatch timber which still contains free liquid on its surfaces.

IMPORTANT INFORMATION

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 reuse.

Preserved wood should not be used where it may come into direct 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 as mulch.

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

Use fasteners, hardware and sheet products as recommended by the manufacturers.

Do not use preserved wood in direct contact with aluminium.

If the 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.

If you desire to apply a finish to your preservative treated wood, we recommend use of oil-based penetrating finishes that are transparent or semi-transparent. We do not recommend using paint or other film-forming finishes because long term maintenance of these finishes can be problematic. Whatever finish you use, always check the label of the finishing product and follow the manufacturer's instructions. Some water repellents and semi-transparent stains can be applied to treated wood soon after construction. Paint manufacturers generally recommend waiting up to one year before applying a paint product to treated wood. Apply the

finishing product to a small exposed test area of your project before finishing the entire project.

Mould growth can and does occur on the surface of many products, including untreated and treated wood, during prolonged surface exposure to excessive moisture conditions. To remove mould from the treated wood surface, wood should be allowed to dry. Typically, mild soap and water can be used to remove remaining surface mould.

DISPOSAL

Celcure AC-500 preserved timbers which are no longer usable such as cut ends, broken boards, sawdust or treated timber material taken out of service may be disposed of in landfills or burned in commercial or industrial incinerators or boilers in accordance with National and local regulations. For up to date information please contact the Technical Services Department.

APPROVAL

Celcure AC-500 wood preservative concentrate is approved by the UK Health and Safety Executive under The Control of Pesticides Regulations 1986 (as amended) for use as directed. HSE No. 7404. The approval holder and marketing company in the UK is Protim Solignum Limited.

Celcure AC-500 contains copper carbonate hydroxide, benzalkonium chloride and boric acid.

Always read the label. Use pesticides safely.

ADDITIONAL INFORMATION

For further information on Celcure AC-500 preserved wood and recommendations for use, see the User's Guide to Celcure AC-500 Preserved Wood and the Osmost Naturewood® Information Sheet.

Osmost Naturewood is a registered trademark of Protim Solignum Limited.

Osmost Naturewood products are produced by independently owned and operated wood preserving facilities.

Information and advice is available on all aspects of Osmost preservatives from the Technical Services Department.

For more information visit www.osmost-europe.com

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