

Cutek CD50 Maintenance

Chemisys Australia Pty Ltd manufactures products that are designed to restore, preserve, and enhance the natural character and beauty of old and new timber. This documentation is specifically concerned with the maintenance and restoration of exterior and interior timbers that have been previously coated with Cutek CD50,

How to Maintain Exterior Timbers Previously Coated With Cutek CD50

Timbers that have been previously coated with Cutek CD50 that have faded, or started to “grey off” in the sun are easily and quickly restored to their original appearance by treatment with Saraclean cleaner and a simple recoat, without the need for any sanding and stripping. It is important to note that Cutek CD50 is designed to gradually fade over time rather than peel off, split or crack, as is the case with many conventional film forming coatings, and for this reason, the rejuvenation of Cutek CD50 coated wood is a simple, fast, and cost effective process.

Maintenance Procedure Summary

- 1. Mix up Saraclean in clean water as per the directions on the package and apply to the surface of faded/dirty/oxidised timbers that have been previously coated with Cutek CD50 and wait 10 -15 minutes.**
- 2. Power-wash the timbers as per the detailed instructions below.**
- 3. When cleaned timbers are thoroughly dry apply one coat of Cutek CD50 in the colourtone of choice.**

Detailed Exterior Maintenance Instructions

Saraclean is a cost effective, biodegradable cleaner for the restoration of uncoated, dirty and weathered timber. Saraclean is less powerful than WAO, however it is non hazardous in 1% solution, and will not damage substrates or vegetation adjacent to the timber surface being restored, eliminating the need for containment or masking.

It is important to note that the use of high-pressure water alone to clean timber will create damage to the wood fibres as well as uneven start and stop marks. Water alone will not remove fungus growth from the timber.

It is also important to understand that the use of commercial and household cleaning solutions that contain bleaching agents such as Sodium Hypochlorite etc should be avoided.

These chemical cleaners will harm the environment and will damage the timber tissue. Additionally, using bleach to clean timber may produce a film forming reaction in the outer wood fibres that causes a subsequent coating failure. Saraclean on the other hand effectively sterilises and cleans timber without these problems.

Saraclean is excellent as a pre recoat wash for timber previously coated with the Cutek timber preservative system that is due to be recoated because it effectively removes accumulated dirt and loose pigmentation from the surface fibres of the timber.

Saraclean can also be used for the cleaning of dirt, grime, oxidised paint, mould, fungi, moss and decayed material from wood, tiles, bricks, fibrolite, paths, driveways etc.

Limitations

Saraclean is designed to be used as a cleaner and sterilizer on uncoated weathered timber surfaces, and other substrates. Saraclean will not remove any paint, stain or clear finish that is in sound condition. In these situations CD77 must be used. When restoring a weathered timber structure with Saraclean, it may be necessary to treat resistant areas with more powerful WAO as required.

Technical Data

Color/form: white powder

Coverage: 5-8 sq metres/litre of made up solution depending on the smoothness and porosity of the substrate. Rough sawn timber will require more product.

Packaging: 200gm tins

Preparation

Unlike bleach and detergents, Saraclean is biodegradable and will not damage vegetation or adjacent surfaces, so containment and masking is unnecessary.

Because of the wide variation in discoloration and timber species that are encountered, a test area should always be cleaned prior to commencement of the project to determine how much time the restoration procedure will require, and how much Saraclean will be required. This enables an accurate application procedure to be determined and cost estimated. It is important for the user to determine the suitability of the product for its intended application.

Saraclean must be prepared by mixing one packet of the powdered concentrate with 20L of clean water and stirring well until dissolved. If the made up solution is to be applied through a water blaster venturi system then ensure that the solution concentration is increased to compensate for water dilution through the machine.

Application

Apply Saraclean liberally to the timber substrate with brush, roller, garden sprayer, or water blaster venturi system. Let the Saraclean solution dwell on the surface for 10-15 minutes, or such time as deemed to be necessary by the test procedure. It is important not to let the substrate dry out.

Removal

Once the Saraclean has cleaned and sterilized the timber, it must be water rinsed (hot water works best) off. For best results wash off with high-pressure water at 60-80 bar (500-1000 p.s.i.) pressure. Clean from the highest point and work down methodically. ALWAYS clean off with a soft 'even fan shaped' water jet. DO NOT use 'turbojets' on timber. CAUTION must be used when cleaning soft timber to reduce the pressure and avoid scouring of sapwood. The longer that Saraclean is left on the substrate, the greater the rinse time required.

Cleanup and Precautions

Water flush all equipment, vegetation, paths, concrete, asphalt, and other adjacent surfaces immediately upon contact. Please refer to the health and safety considerations listed in the MSDS sheet¹ prior to commencing any project.

Coating or Recoating

Following the restoration of the timber with Saraclean, it is important to complete the restoration process by coating the timber with the **Cutek CD50**. Application of Cutek CD50 eliminates the need for any future stripping because it is **not** a varnish or a film forming coating. It has been specifically designed to maximise the dimensional stability and aesthetic qualities of natural timber, while providing protection against ultraviolet degradation, moisture and fungus growth. Always remember that film-forming coatings can peel and may need to be sanded, stripped, or scraped when reapplication is necessary.

When Saraclean is being used as a pre recoat wash for timbers previously coated with Cutek CD50 timber preservative, **then only one coat of Cutek CD50 timber preservative is required to complete the restoration process.**

It is important that the restored timber is completely dry before the application of Cutek CD50 timber preservative. Allow 3-4 days of hot, fine drying weather. If unsure, use a moisture meter to measure the moisture content (must be <18%) of the restored timber before coating.

Failure to coat the wood with Cutek CD50 after restoration will result in the weathering process occurring more rapidly than it took prior to restoration.

How to Maintain Interior Timbers Previously Coated With Cutek CD50

Preparation

Make sure that timbers previously coated with Cutek CD50 are clean and dry.

Application

Apply a thin coat of Cutek CD50 to the area that needs to be rejuvenated and allow to stand for approximately 10 minutes. After standing remove the excess Cutek CD50 by burnishing the surface with a dry pad or cloth to restore the natural lustre of the timbers. Please note that as Cutek CD50 is a penetrating oil finish it does not dry like conventional paints but requires several days after burnishing to attain full hardness depending on species of timber and ambient temperature.

Further Information

Further Information regarding the maintenance of Cutek CD50 coated timber may be obtained from our website www.chemisys.com.au,

Or by contacting Peter on +61 438 923248.