

FEATURES

- Easy to apply and maintain
- No sanding or stripping between coats
- Up to 2 x coverage rate of most coatings
- Won't crack, peel or flake
- No waiting for wood to weather
- Precoat with clear and wet-stack before construction
- No need to wipe oil after normal application
- Highlights your timber's natural grain and beauty
- Long term protection from moisture reduces cupping, warping and splitting
- Can be applied in direct sun, even on the hottest day
- High-quality ingredients that stand up to extreme conditions

USES

Cutek CD50 is a unique wood protection system can be applied as a clear oil which fades in the sun to a natural silver patina, or applied with any of our 10 colourtones added to enhance and maintain the freshly oiled look of your timber.

Cutek CD50 works to control moisture from the inside out and minimise warping and cupping and splitting, which means exterior wood lasts longer.

Cutek CD50 is simple to apply, easy to maintain, and cost effective. See the factsheet and application guidelines for more information.

Cutek CD50 is suitable for use on weatherboards, shingles, doors, plywood, log buildings, beams, outdoor furniture, decks, fascia boards, shutters, garage doors, joinery, spa pools, fences, posts, and engineered products.

Cutek CD50 is NOT suitable for use on bamboo or acetylated wood.

SPECIFICATIONS

RESISTANCE GUIDE

WEATHERABILITY	Cutek CD50 will gradually fade over time rather than peel, split or crack, so the rejuvenation of timber coated with Cutek CD50 is a simple fast and cost-effective process.
HEAT RESISTANCE	Up to 80°C dry heat.
CHEMICALS	Wood surfaces coated with Cutek CD50 may show splash or spilling marks if contacted by chemically staining products such as wine, cleaner contaminated water, or strong chemicals. At risk areas include kitchens, bathrooms and spa and pool areas.
WATER	Very good resistance to fresh and salt water but not suitable for immersion.
ABRASION	Good when fully cured.

TYPICAL PROPERTIES AND APPLICATION DATA

CLASSIFICATION	Penetrating Wood Stabiliser
FINISH	Low sheen
COLOUR	Various by colourtone
COMPONENTS	One
VOLUME SOLIDS	Not applicable
VOC LEVEL	≈221 g/L ASTM 3960
FLASH POINT	76°C ASTM D93
VISCOSITY	≈29cSt
COLOURTONE	Use 36-72 ml/litre
THINNER	Do not thin
PACK SIZES	5L, 10L, 20L, 200L, 1000L
PRODUCT CODE	D591

SPREADING RATE

NOTE: Practical spreading rates will vary depending on such factors as application method, ambient conditions and surface porosity and roughness.

NEW HARDWOODS DRESSED	10–20m ² /litre	(400–800 sq feet/gallon)
OLD RESTORED TIMBER DRESSED	7–9m ² /litre	(300–400 sq feet/gallon)
NEW TIMBER ROUGH SAWN	7–9m ² /litre	(300–400 sq feet/gallon)
OLD RESTORED TIMBER ROUGH SAWN	4–7m ² /litre	(180–300 sq feet/gallon)
SHINGLES AND SHAKES	2–5m ² /litre	(84–212 sq feet/gallon)

SUBSTRATE				
This is a guide only and not to be used as a specification. Your specific project needs must be discussed with a Cutek consultant				
SURFACE	ENVIRONMENT	PREPARATION GUIDE	SYSTEM	COLOUR/TONE ADDED (Y/N)
WOOD – NEW RETAIN FRESHLY OILED LOOK	EXTERIOR	Clean with Proclean if tannin/water/iron stained	1st Coat: Cutek CD50	Y
		Otherwise clean with Quickclean	2nd Coat: Cutek CD50	Y
WOOD – NEW STABILISE & ALLOW TO SILVER	EXTERIOR	Clean with Proclean if tannin/water/iron stained	1st Coat: Cutek CD50	N
		Otherwise clean with Quickclean	2nd Coat: Cutek CD50	N
WOOD – OLD PREVIOUSLY COATED WITH CUTEK	EXTERIOR	Clean with Proclean if tannin/water/iron stained Otherwise clean with Quickclean	1st Coat: Cutek CD50	Y
WOOD – OLD PREVIOUSLY COATED WITH FILMFORMING COATING	EXTERIOR	Remove previous coating with CD33 Naked Stripper	1st Coat: Cutek CD50	Y
		Then clean with Proclean	2nd Coat: Cutek CD50	Y
WOOD – OLD PREVIOUSLY UNCOATED & WISH TO STABILISE & ALLOW TO SILVER	EXTERIOR	Restore with Proclean	1st Coat: Cutek CD50	N
			2nd Coat: Cutek CD50	N
WOOD – OLD PREVIOUSLY UNCOATED & WISH TO RETAIN FRESHLY OILED LOOK	EXTERIOR	Restore with Proclean	1st Coat: Cutek CD50	Y
			2nd Coat: Cutek CD50	Y
WOOD – NEW	INTERIOR	Should be kept clean	1st Coat: Cutek LowVOC or EURO only	If desired
			2nd Coat: Cutek LowVOC or EURO only	If desired

APPLICATION

APPLICATION PRECAUTIONS

Full list of application precautions is available on website at www.cutek.com.au, or by checking with customer services on 1300 128835.

BEFORE YOU GET STARTED

Before you begin, note the hazards and precautions on this website and the can labelling, and ensure that you use the correct safety equipment as detailed in the Safety Data Sheet.

STEP BY STEP APPLICATION PROCESS

Avoid contact with plants, shrubs, trees and waterways. For best results, one coat of Cutek CD50 should be applied to all faces of the wood prior to installing, with a second coat applied to the top surface once the first coat is completely dry. Penetration time varies significantly, depending on species, temperature, porosity, and moisture content of the wood. Thicker sections such as post, beams and logs will require additional coats, as Cutek CD50 has a cumulative effect in the wood.

Apply each coat evenly with brush, paint pad or roller. When using Cutek Colourtone it is essential that the container holding the oil be stirred frequently both before and during use. Two or three thin coats on finished wood and hardwoods are better than one or two thick coats.

Wood must feel completely dry and non-greasy before application of the second coat.

CLEANUP

Equipment may be cleaned with soap and water or turps. Oily rags and other oily materials may cause combustion fires. Immediately after use you MUST (1) spread out all oily materials outside to dry, by flattening them out to their full size in an airy spot at temperatures above 4 degrees Celsius, or (2) Wash them thoroughly with water and detergent and rinse. Remove all oil from all clothes, tools, rags and any other materials contacted during use or as a result of an accidental spill. All wash water is to be disposed of properly.

MAINTENANCE

Colourtoned Cutek oil will lighten/fade faster in full weather exposed areas whereas wood in protected areas will retain colour with minimal maintenance over time.

Cutek is designed to gradually fade over time rather than peel, split or crack. Rejuvenation of faded timbers coated with Cutek oils is a simple, fast and cost-effective process.

Clear or colourtoned CUTEK oil should be reapplied as frequently as necessary to retain the natural beauty and colour of the wood. Assessment of this is subjective and it is important to realise that colour durability varies widely according to many factors including the age and porosity of the wood, species, situation, exposure to the weather and how rough the wood surface is.

Typically, horizontal exterior smooth surfaces exposed to full weather such as pool decks and handrails will require re-coating more frequently (initially after 6 months, then annually) than vertical rough-sawn cladding (typically every 2-5 years).

IMPORTANT INFORMATION

A significant amount of new timber is now sold with a pre-treatment or pre-coating already applied. Particular attention needs to be paid to ensure that your timber has not been pre-treated or pre-coated prior to applying Cutek CD50. If you believe that your timber has had a prior treatment/coating applied, you will need to adequately prepare your timber with a Cutek – Step 1 Preparation Product prior to your application of Cutek CD50. If you have any questions about this process, please contact one of our friendly technical advisers on 1300 1 CUTEK (1300 1 28835).

NOTE: This warning does not apply to any timber that has been pre-coated in CUTEK branded products.

Cutek CD50 contains small amounts of copper salts that may impart a faint green hue that could be accentuated by the presence of some extractives found in very light or white coloured substrates. Although this is not common, it is more likely to occur in an internal application or in areas not exposed to UV light. Some commonly used light coloured timber species used internally where this may be an issue are Hoop Pine, Hemlock, Tasmanian Oak and Victorian Ash (list not exhaustive). Please contact us for a free sample of Cutek CD50 Oil to test on your light-coloured substrate if you suspect this may be a problem. Cutek manufacture a copper free option called Cutek Euro suitable for use on light-coloured timbers in this situation.

STORAGE & SAFETY

SAFETY Read Data Sheet, SAFETY DATA SHEET and any precautions on container labels and SAFETY DATA SHEET.

STORAGE This product NOT classified as dangerous goods for transport or storage under AU01 exemption in Australia. Store in well ventilated bunded area under cover and away from sources of heat. Keep containers closed at all times.

HANDLING As with any chemical, ingestion, inhalation or contact with eyes and skin should be avoided by good occupational work practice. Eye protection approved to AS1337 and skin protection approved to AS2161 should be worn where there is a risk of splashes entering the eyes or contacting the skin. Always wash hands before smoking, eating, drinking or using the toilet.

USING Use with good ventilation and avoid inhalation of spray mists and fumes. If risk of inhalation of spray mists exists, wear combined organic vapour/particulate respirator.

FLAMMABILITY This product is a combustible liquid. On burning will emit toxic fumes.

COMPANY INFORMATION

Chemisys Cutek Pty Ltd

A.C.N. 610 127 654

P. O. Box 3604

Loganholme QLD 4129

Australia

The data presented in this medium and any advice, recommendation, information, assistance or service provided by Chemisys relation to goods manufactured by it or their use and application is given in good faith and is believed by Chemisys to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by Chemisys does not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from determining suitability of the product their own purpose. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.