

# Cutek LowVOC

Premium penetrating oil based wood coating/stabiliser

D391

## 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 LowVOC conditions
- Less odour during application – great for indoor projects

## USES

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

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

Cutek LowVOC 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 LowVOC is NOT suitable for use on acetylated wood

## SPECIFICATIONS

### RESISTANCE GUIDE

<b>WEATHERABILITY</b>	Cutek LowVOC will gradually fade over time rather than peel, split or crack, so the rejuvenation of timber coated with Cutek LowVOC is a simple fast and cost-effective process.
<b>HEAT RESISTANCE</b>	Up to 80°C dry heat
<b>CHEMICALS</b>	Wood surfaces coated with Cutek LowVOC 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
<b>WATER</b>	Very good resistance to fresh and salt water but not suitable for immersion.
<b>ABRASION</b>	Good when fully cured

### TYPICAL PROPERTIES AND APPLICATION DATA

<b>CLASSIFICATION</b>	Penetrating Wood Stabiliser
<b>FINISH</b>	Low sheen
<b>COLOUR</b>	Various by colourtone
<b>COMPONENTS</b>	One
<b>VOLUME SOLIDS</b>	Not applicable
<b>VOC LEVEL</b>	~170 g/L ASTM 2369
<b>FLASH POINT</b>	73degC ASTMD93
<b>VISCOSITY</b>	~12-17csT
<b>COLOURTONE</b>	Use min.36-max.108 ml/litre
<b>THINNER</b>	Do not thin
<b>COLOURTONE</b>	Use 36-108 ml/litre
<b>PACK SIZES</b>	5L, 200L, 1000L
<b>PRODUCT CODE</b>	D391

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## 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 <sup>2</sup> /litre	(400–800 sq feet/gallon)
Old restored timber dressed	7–9m <sup>2</sup> /litre	(300–400 sq feet/gallon)
New timber rough sawn	7–9m <sup>2</sup> /litre	(300–400 sq feet/gallon)
Old restored timber rough sawn	4–7m <sup>2</sup> /litre	(180–300 sq feet/gallon)
Shingles and shakes	2–5m <sup>2</sup> /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)
<b>WOOD – NEW</b>  RETAIN FRESHLY OILED LOOK	EXTERIOR	Clean with Proclean if tannin/water/iron stained	1st Coat: Cutek LowVOC	Y
		Otherwise clean with Quickclean	2nd Coat: Cutek LowVOC	Y
<b>WOOD – NEW</b>  STABILISE & ALLOW TO SILVER	EXTERIOR	Clean with Proclean if tannin/water/iron stained	1st Coat: Cutek LowVOC	N
		Otherwise clean with Quickclean	2nd Coat: Cutek LowVOC	N
<b>WOOD – OLD</b>  PREVIOUSLY COATED WITH CUTEK	EXTERIOR	Clean with Proclean if tannin/water/iron stained	1st Coat: Cutek LowVOC	Y
		Otherwise clean with Quickclean		Y
<b>WOOD – OLD</b>  PREVIOUSLY COATED WITH FILMFORMING COATING	EXTERIOR	Remove previous coating with CD33 Naked Stripper	1st Coat: Cutek LowVOC	Y
		Then clean with Proclean	2nd Coat: Cutek LowVOC	Y
<b>WOOD – OLD</b>  PREVIOUSLY UNCOATED & WISH TO STABILISE & ALLOW TO SILVER	EXTERIOR	Restore with Proclean	1st Coat: Cutek LowVOC	N
			2nd Coat: Cutek LowVOC	N
<b>WOOD – OLD</b>  PREVIOUSLY UNCOATED & WISH TO RETAIN FRESHLY OILED LOOK	EXTERIOR	Restore with Proclean	1st Coat: Cutek LowVOC	Y
			2nd Coat: Cutek LowVOC	Y
<b>WOOD – NEW</b>	INTERIOR	Should be kept clean	1st Coat: Cutek Low VOC only	If desired
			2nd Coat: Cutek Low VOC only	If desired

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## APPLICATION

<b>APPLICATION PRECAUTIONS</b>	Full list of application precautions is available on website at <a href="http://www.cutek.com.au">www.cutek.com.au</a> , or by checking with customer services on 1300 128835
<b>BEFORE YOU GET STARTED</b>	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
<b>STEP BY STEP APPLICATION PROCESS</b>	<p>Avoid contact with plants, shrubs, trees and waterways. For best results, one coat of Cutek LowVOC 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 LowVOC has a cumulative effect in the wood.</p> <p>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.</p> <p>Wood must feel completely dry and non-greasy before application of the second coat</p>
<b>CLEANUP</b>	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).

## STORAGE & SAFETY

<b>SAFETY</b>	<b>Read Data Sheet, SAFETY DATA SHEET and any precautions on container labels and SAFETY DATA SHEET</b>
<b>STORAGE</b>	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.
<b>HANDLING</b>	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.
<b>USING</b>	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.
<b>FLAMMABILITY</b>	This product is a combustible liquid. On burning will emit toxic fumes.

# Cutek LowVOC

## COMPANY INFORMATION

Chemisys Cutek Pty Ltd  
A.C.N. 610 127 654  
P. O. Box 3604  
Loganholme QLD 4129  
Australia

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