

CUTEK® COLOURTONE

UV RESISTANT COLOURTONES FOR USE IN CUTEK® TIMBER OILS

CT05, CT02



BENEFITS

- Enhance and maintain the natural colour of timber, or alter the colour to meet design requirements with CUTEK® Colourtones. CUTEK® timber oils are clear and will allow timber to lighten naturally overtime with exposure to sunlight and UV.
- Adding CUTEK® Colourtones will provide UV protection and slow the lightening/silvering process.
- Our Colourtone range has been developed over 2 decades to suit the hue and undertones of common timber species and to meet historical and emerging design trends.
- Allows the natural knots and markings of wood to shine through without obscuring the grain.

SPECIFICATIONS

RESISTANCE GUIDE

WEATHERABILITY	CUTEK® Colourtones will gradually fade over time rather than peel, split or crack, so the rejuvenation of timber coated with CUTEK® Colourtones is a simple, fast and cost-effective process.
HEAT RESISTANCE	Up to 80°C dry heat.
CHEMICALS	Wood surfaces coated with CUTEK® Colourtones 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	Colourtone for addition in CUTEK® Clear oil only
COLOUR	16 different colours available (custom colours available on demand)
COMPONENTS	One
VOLUME SOLIDS	Not applicable
FLASH POINT	65°C ASTMD93
COLOURTONE	Use 36-72 ml/litre in CUTEK® Clear oil only
THINNER	Do not thin
PACK SIZES	180ml suitable for use in 5L CUTEK® clear oils (or used as a mutiple in 10L and 20L pack sizes) only 36ml suitable for use in 1L CUTEK® clear oils only
PRODUCT CODE	CT05, CT02



SITUATION TO USE COLOURTONE

This is a guide only and not to be used as a specification. Contact CUTEK® to discuss your specific project requirements.

SURFACE TYPE/ DESIRED EFFECT	SITUATION	PREPARATION	PROTECTION	ADD COLOURTONE? (Y/N)
Wood – new Retain freshly oiled look or alter the wood colour	Exterior	Clean with CUTEK® Restore if tannin/water/ iron stained	Apply 2 coats of CUTEK® Extreme CD50	Y
		Otherwise clean with CUTEK® Quickclean		Y
Wood – new Stabilise & allow to naturally lighten/silver	Exterior	Clean with CUTEK® Restore if tannin/water/ iron stained	Apply 2 coats of CUTEK® Extreme CD50	N
		Otherwise clean with CUTEK® Quickclean		N
Wood – old Previously coated with CD50, CD50 Extreme or CUTEK® Extreme CD50	Exterior	Clean with CUTEK® Restore if tannin/water/iron stained Otherwise clean with CUTEK® Quickclean	Apply 1 coat of CUTEK® Extreme CD50	Y
Wood – old Previously coated with film forming coating	Exterior	Remove previous coating with CUTEK® Wood Stripper	Apply 2 coats of CUTEK® Extreme CD50	Y
		Then clean with CUTEK® Restore		Y
Wood – old Previously uncoated & wish to stabilise and allow to naturally lighten/silver	Exterior	Restore with CUTEK® Restore	Apply 2 coats of CUTEK® Extreme CD50	N
				N
Wood – old Previously uncoated & wish to retain a freshly oiled look or alter the wood colour	Exterior	Restore with CUTEK® Restore	Apply 2 coats of CUTEK® Extreme CD50	Y
				Y



DIRECTIONS FOR USE

APPLICATION

APPLICATION PRECAUTIONS

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.

Full list of application precautions is available on website at www.cutek.co.nz, or by checking with customer services on 0800 128835.

DO NOT SWALLOW.

COLOURTONE OVERVIEW

Understanding Colourtones

It's important to understand that CUTEK[®] timber oils are a unique penetrating oil system designed to enhance the natural colour and grain of wood. CUTEK[®] Extreme CD50 is sold as a clear oil that can be used to protect the timber from moisture and moisture related movement such as cupping, warping and splitting. Using just the clear oil will protect the wood, providing stability and structural integrity while allowing it to naturally lighten to produce a silver weathered patina over time. The soft natural lightening and silvering of the wood represents a low care option and is becoming an increasingly popular way to leave wood in weather exposed settings.

Wood projects using clear CUTEK[®] oil that have silvered can easily be returned back to the wood's original colour using CUTEK[®] Restore and high pressure washing, followed by further applications of CUTEK[®] Extreme CD50 clear oil.

However, if you desire to maintain the original colour of the 'freshly oiled' wood then you need to purchase a CUTEK[®] Colourtone to add to clear CUTEK[®] Extreme CD50. It is important that the Colourtone that you choose is suited to your selected wood as it should further enhance the natural colour and grain and help to maintain its "natural" colour over a longer period of time.

What to expect when using Colourtones

Most wood care products on the market leave a build up of material on the surface of the wood. In the short term this provides more colour, but in the long term the finish can be prone to peeling and flaking, which requires time and money to repair.

The CUTEK[®] system is unique because colour is designed to fade slowly over time rather than peel or flake. New smooth timber that's exposed fully to the weather will lighten faster over the first six months after installation than older, rougher timbers over the same time period. A follow up application of CUTEK[®] Colourtoned oil after the initial six months weathering period will provide much greater Colourtone build and durability as the wood becomes rougher and more absorbent of pigment over time.

How to increase colour build on new wood

New wood is milled smooth and often has a mill glaze which will greatly restrict the initial colour build of any pigment. Better results can be achieved by creating a rougher surface and preparing the wood using CUTEK[®] Restore in combination with a high pressure washer. Sanding the new wood to 80 grit will give even better results as it removes mill glaze and creates a much rougher surface which will enable higher colour build. Note: The rougher the surface of the wood, the greater the colour build and durability. Rough sawn or heavy brushed wood profiles will take more oil and colour so much bolder colour contrast can be achieved. The amount of mill glaze if any that is present on any job can vary significantly depending on species density, and machining method used. Note: sanded surfaces should be vacuumed or washed thoroughly to remove all loose wood and dust.



STEP BY STEP APPLICATION PROCESS

Stir the contents of the CUTEK® Colourtone thoroughly and add to clear CUTEK® Extreme CD50 oil as follows:

- For 1L of CUTEK® Extreme CD50 - add 1 1L Colourtone (special order)
- For 5L of CUTEK® Extreme CD50 - add 1 Colourtone
- For 10L CUTEK® Extreme CD50 - add 2 Colourtones
- For 20L CUTEK® Extreme CD50 - add 4 Colourtones

Thoroughly stir combined mixture from the bottom of the can BEFORE AND DURING use. Failure to do this may result in inconsistent colour.

For best results, one coat of clear CUTEK® Extreme CD50 should be applied to all faces of the wood prior to installing, with a second and third coat of Colourtoned CUTEK® Extreme CD50 applied to the top surface once the first coat is completely dry and non-greasy.

CUTEK® Colourtones are only to be used with CUTEK® Extreme CD50. CUTEK® Colourtones are not compatible with and must not be mixed into any third-party product.

Clean-up: Equipment (including brushes) may be cleaned with turps or soap and water. If not correctly cleaned or disposed of, oily rags and other oily materials may cause combustion fires. After use you MUST immediately spread out all oily material outside to dry, by flattening them out to their full size in an airy spot at temperatures above 4 degrees Celsius, or 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. Ensure wash water is disposed in accordance with local regulations.

MAINTENANCE

With CUTEK®, maintenance is simple, fast, and cost effective. CUTEK® Extreme CD50 will not crack, peel or split, and your wood can be easily rejuvenated or restored using our Prepare and Protect system - no need to sand or strip.

CUTEK® Extreme CD50 should be reapplied when the wood is no longer beading water, or as frequently as necessary to retain the natural beauty and colour of the wood.

Typically, horizontal exterior wood surfaces exposed to full weather such as pool decks and handrails will require re-coating more frequently (initially after 6 months, then annually), while other surfaces such as vertical rough-sawn cladding will need recoating less often.

STORAGE & SAFETY

SAFETY	Read Data Sheet, SAFETY DATA SHEET and any precautions on container labels and SAFETY DATA SHEET.
STORAGE	This product is NOT classified as dangerous goods for transport or storage in New Zealand. 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 AS/NZS 1337 and skin protection approved to AS/NZS 2161 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 not flammable. On burning may emit toxic fumes.



DISTRIBUTOR INFORMATION

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