

# CUTEK® EXTREME

## CLEAR OIL



## TRUE PENETRATING WOOD OIL FOR ALL EXTERIOR APPLICATIONS + INTERIOR WALLS AND CEILINGS

CUTEK® Extreme penetrates deeply into timber to control moisture, and minimize warping, cupping and splitting and highlight the natural grain and beauty of timber.. Protecting from the inside out, CUTEK® Extreme will not flake or peel and maintenance is fast and simple – no need to sand or strip.

RECOMMENDED FOR PALE  
& BLONDE TIMBERS

RECOMMEND FOR  
ACETYLATED WOOD

SUITABLE FOR INTERNAL USE  
FOR WALLS AND CEILINGS

SUITABLE FOR USE ON  
PLYWOOD WITH A MINIMUM  
2MM VENEER

THE BEST COLOUR VIBRANCY  
WHEN USING A CUTEK®  
COLOURTONE

### CUTEK® EXTREME CLEAR OIL

- ✓ **ALWAYS PROTECTING** – self-healing oil that continually moves to displace water, even when wood is cut or nailed after application.
- ✓ **TRUE PENETRATION** – soaks deep into the timber, guarding from the inside out.
- ✓ **NO CRACKING OR PEELING** – no film to fail, ever.
- ✓ **EASY UPKEEP** – just wash and recoat. No sanding. No stripping.
- ✓ **PROTECTION THAT GROWS** – once it's in, it stays in. Each coat builds even stronger defence.
- ✓ **HELPS TIMBER STAY STABLE** – reduces warping, cupping and splitting.
- ✓ **ENHANCES NATURAL BEAUTY** – transparent finish that highlights the grain and character of your timber.
- ✓ **CHOOSE YOUR LOOK** – clear for natural silvering, or add Colourtones for UV protection and lasting colour.
- ✓ **DESIGNED FOR EVERY TIMBER TYPE** – enhances and protects pale, dark and all timbers in between.
- ✓ **ADVANCED TECHNOLOGY** – the worldwide choice for reliable, all-round timber protection.

FOR MORE INFORMATION VISIT [CUTEKWOODSOLUTIONS.COM](http://CUTEKWOODSOLUTIONS.COM) OR CALL 1300 1 CUTEK

# CUTEK® EXTREME

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### IMPORTANT INFORMATION

CUTEK® Extreme is a high-performance, oil-based wood stabiliser. It has been designed to protect timber from the inside out while allowing it to gradually fade over time without peeling, cracking or splitting. CUTEK® Extreme will penetrate and diffuse deeply into your timber to repel moisture, enhance dimensional stability and improve service life. Anything that might prevent this penetration/diffusion, such as an existing coating (not CUTEK® oil), retained moisture, or insufficient time between coats, must be avoided or corrected before applying CUTEK® Extreme.

CUTEK® Extreme penetration/diffusion times can vary significantly depending on timber species, ambient temperature, porosity, timber density, weather exposure and moisture content of your timber. Because of the wide range of applications possible for CUTEK® Extreme and different factors affecting penetration/diffusion time, it is vital that the end user determine the suitability of CUTEK® Extreme for their specific project by testing a sample area first, especially if speed of drying is important for your project. CUTEK® Extreme is not suitable for use on internal flooring, food preparation surfaces or veneered substrates.

#### **When using CUTEK® Extreme, you should avoid:**

- Wet wood, or wood with a high moisture content: Your wood should contain a maximum moisture content of 17% as anything higher can significantly delay the penetration process. If this happens, CUTEK® Extreme may sit on the surface and eventually go tacky without diffusing properly into the timber.
- Cold weather: In cold weather, CUTEK® Extreme will become thicker and too much oil may be applied as a result.
- Warm the oil by placing in a sunny/warm spot before application to make it thinner and enhance penetration.
- Too many coats too soon: CUTEK® Extreme needs to completely diffuse and dry fully before the next coat is applied. Your wood should be completely dry and non-greasy before recoating.
- Existing oil, stain or paint coating on the surface of your wood: Existing film coats may act as a barrier to CUTEK® Extreme penetration/diffusion. CUTEK® Extreme must be applied to clean, bare and dry timber, and previous coatings must be properly removed PRIOR to application of CUTEK® Extreme.

#### **Disclaimer**

CUTEK® will not accept liability for:

- the application of incorrect colour to any substrate for any reason
- the application of CUTEK® Extreme to wood with a moisture content greater than 17%
- the application of CUTEK® Extreme to any substrate with a pre-existing coating

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### UNDERSTANDING CUTEK® COLOURTONE

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 is sold as a clear oil which 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 which will allow it to naturally lighten overtime upon exposure to UV. 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. Where exposure to UV may be inconsistent in interior settings (for example, through a window to interior walls), an uneven lightening may occur and application without a CUTEK® Colourtone should be carefully considered prior to coating. However, interior timbers are not typically exposed to UV sun rays, and so CUTEK® Extreme is unlikely to fade over time.

Exterior wood projects using clear CUTEK® Extreme 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 clear oil.

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. 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.

If you wish to alter the colour of your timber, carefully consider your design goal and obtain a free sample of CUTEK® Colourtone to test on your actual project timber to ensure the colour meets your design expectations.

#### 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, making maintenance fast and simple.

#### Exterior timber

New smooth exterior 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® Extreme 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.

# CUTEK<sup>®</sup> EXTREME

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### CUTEK<sup>®</sup> COLOURTONE



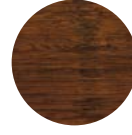
AUTUMNTONE



BLACK ASH



BURNT RED



DUSKY BROWN



GOLDTONE



GREY MIST



HONEYCOMB



NEW BRONZETONE



RUSTIC GOLD



SELA BROWN



WALNUT



WHITE WASH

### INTERIOR TIMBER

New smooth interior timber should remain consistent with its natural, oiled appearance. Where interior timbers are exposed to UV rays, timber may slightly silver over time. A follow up application of CUTEK<sup>®</sup> Extreme may be necessary if Colourtoned timber is exposed to UV or fades over time.

How to increase colour build on new wood prior to installation.

New wood is milled smooth and often has a mill glaze which will greatly restricts the initial colour build of any pigment.

Better results can be achieved by creating a rougher surface and preparing the wood using CUTEK<sup>®</sup> Restore in combination with a high pressure washer prior to installation. 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.

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### CHOOSING THE RIGHT CUTEK® COLOURTONE

SUGGESTED CUTEK® COLOURTONES			
Timber Colour	Light	Medium	Dark
Blackbutt	Honeycomb	Rustic Gold	Sela Brown
Blue Gum	Autumntone	Sela Brown	Walnut
Brush Box	New Bronzetone	Sela Brown	Walnut
Cypress	Honeycomb	Rustic Gold	Walnut
Ironbark	Autumntone	Burnt Red	Walnut
Jarrah	Autumntone	Burnt Red	Dusky Brown
Dusky Brown	Autumntone	Sela Brown	Dusky Brown
Mixed Hardwoods	Rustic Gold	Sela Brown	Walnut
Pine	Goldtone	New Bronzetone	Dusky Brown
Rosewood	Honeycomb	Rustic Gold	Sela Brown
Silvertop Ash	Honeycomb	Rustic Gold	Sela Brown
Spotted Gum	Rustic Gold	Sela Brown	Walnut
Tallow Wood	Honeycomb	Rustic Gold	Sela Brown
Victorian Ash/Tassie Oak	Honeycomb	Rustic Gold	Dusky Brown
Vitex	Honeycomb	Rustic Gold	Sela Brown
Western Red Cedar	Rustic Gold	Autumntone	Dusky Brown
White Mahogany	Honeycomb	Rustic Gold	Sela Brown
Hamptons/White Wash Look		White Wash	
Instant Weathered Look		Grey Mist	
Charred Timber Look		Black Ash	

# CUTEK® EXTREME

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### DIRECTIONS FOR USE

#### WHAT YOU WILL NEED



Paint tray/pot



Brush or paint pad



Drop sheets  
and rags



Paint stirrer



CUTEK® Quickclean,  
turpentine or soap



Safety  
equipment

#### SAFETY AND PRECAUTIONS

Before you begin to Prepare and Protect your timber, note the hazards and precautions and ensure that you have obtained and know how to use the correct safety equipment. CUTEK® Extreme is a hazardous chemical. It is important to refer to the health and safety considerations listed in the Safety Data Sheet (SDS) prior to commencement of your project. When using CUTEK® Extreme all adjacent surfaces and vegetation must be adequately protected. A full list of precautions and the SDS is available at [www.cutek.com.au](http://www.cutek.com.au)

All preparation steps and considerations are recommended to be applied prior to timber installation.

DO NOT SWALLOW

DO NOT USE on surfaces which come into direct contact with foodstuffs.

DO NOT USE on surfaces which come into direct contact with the ground.

DO NOT USE on interior flooring.

#### STEP 1 ▶ PREPARE

Before using CUTEK® Extreme, ensure the wood to be coated is clean, non-greasy and dry (moisture content must be less than 17%). You must appropriately prepare your timber BEFORE applying CUTEK® Extreme.

##### **If you have... NEW TIMBER:**

Your timber must be bare, clean and dry before applying CUTEK® Extreme. If your timber presents with surface contaminants such as stains caused by water, iron or tannins, we recommend using CUTEK® Restore prior to application of CUTEK® Extreme and installation of timber in interior aspects.

##### **If you have... OLD, GREYED OR WEATHERED UNCOATED WOOD:**

Old, dirty, stained or grey weathered timber should be prepared and restored by first applying CUTEK® Restore which will remove the grey and reinstate the original natural colour, grain and beauty of your wood prior to application of CUTEK® Extreme.

##### **If you have... WOOD PREVIOUSLY COATED WITH A NON-CUTEK® COATING:**

CUTEK® Extreme must be applied to bare, clean and dry wood. This allows the CUTEK® oil to freely penetrate/diffuse into your timber. Wood previously coated with a film forming product such as stains, linseed oil, paint, polyurethane, water-based oils, etc. can inhibit this penetration/diffusion and must be removed first with CUTEK® Wood Stripper and CUTEK® Restore prior to the application of CUTEK® Extreme. In some circumstances complete removal of previous coatings by machine sanding/abrasion can also be a suitable preparation method. Interior wood should be sanded back to remove film forming coatings prior to application of CUTEK® Extreme.

##### **If you have... WOOD PREVIOUSLY COATED IN CUTEK® OILS:**

Prepare for a maintenance recoat of CUTEK® Extreme by using CUTEK® Quickclean to remove grease, grime and other dirt from your interior or exterior timber. If maintenance has been neglected for a long period of time on exterior timber and it has either greyed, become heavily stained by tannins or iron, or if there is an excessive build-up of CUTEK® Colourtone, use CUTEK® Restore to refresh your timber prior to recoating.

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### DIRECTIONS FOR USE

#### STEP 2 ► PROTECT

**BEFORE YOU PROTECT:** After preparing your timber, it will need to be completely dry prior to coating with CUTEK® Extreme. It is very important that your timber is clean, non-greasy and dry with a moisture content of less than 17%.

**WEATHER:** Once applied, CUTEK® Extreme generally requires 2-3 days of dry conditions after coating to facilitate full penetration/diffusion and an even colour finish; so check your weather forecast before coating.

**COLOURTONE:** Clear, un-tinted CUTEK® Extreme will allow your wood to naturally lighten/silver/grey when exposed to sunlight while retaining its protection characteristics. Unless you want a clear finish that will naturally lighten/silver/grey off in a few months, it is important to mix in 1 CUTEK® Colourtone per 5 litre of CUTEK® Extreme oil before use.

**APPLICATION:** Stir the CUTEK® Extreme oil thoroughly (with the added CUTEK® Colourtone if desired) before and during use. Make sure you stir from the bottom of the can to ensure active ingredients are properly mixed throughout the oil.

Apply thin, even coats with a brush, paint pad or lambswool applicator. CUTEK®'s Professional Finish deck brush is a good option. **TIP:** CUTEK® Extreme works best when applied as a THIN COAT - two or three thin coats on finished wood and hardwoods are much better than one or two thick coats.

For best results, ONE coat of CUTEK® Extreme should be applied to all faces of the wood prior to installing, with ONE to TWO coats applied to the top surface once the first coat has completely penetrated/diffused.

Apply a maintenance coat approximately six months later and then inspect annually.

**DRYING TIME:** Unlike traditional wood coatings, CUTEK® Extreme needs to penetrate/diffuse deeply into your timber. After coating, CUTEK® Extreme will slowly migrate into your wood to repel moisture, improve dimensional stability and lengthen the service life of your timber. This penetration/diffusion process varies in time for many reasons including differences in timber type (species, density, porosity, age of timber and residual moisture content) as well as environmental factors (temperature, humidity, weather).

Sometimes this drying process can take several days to complete. You will know when your timber is ready for a recoat of CUTEK® Extreme when it is completely dry and non-greasy. Please note the subsequent coats of CUTEK® Extreme will take longer to migrate into your timber than the first coat.

**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.



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### COVERAGE

These figures represent typical averages for common decking and cladding species and are to be used as a guideline only.

New hardwoods dressed	10–20m <sup>2</sup> /litre (400–800sq feet/gallon)
Old restored timber dressed	7–9m <sup>2</sup> /litre (300–400sq feet/gallon)
New timber rough sawn	7–9m <sup>2</sup> /litre (300–400sq feet/gallon)
Old restored timber rough sawn	4–7m <sup>2</sup> /litre (180–300sq feet/gallon)
Shingles and shakes	2–5m <sup>2</sup> /litre (84–212sq feet/gallon)

### MAINTENANCE

With CUTEK<sup>®</sup>, maintenance is simple, fast, and cost effective. CUTEK<sup>®</sup> Extreme 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.

#### Exterior timber

CUTEK<sup>®</sup> Extreme 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.

#### Interior timber

CUTEK<sup>®</sup> Extreme should not require reapplication in interior settings where there is no UV exposure.

If basic cleaning is required where clear CUTEK<sup>®</sup> Extreme has been used, use warm, mild soapy water and a soft dishcloth. Please note: if you require a frequently washable surface, our special order product, CUTEK<sup>®</sup> Interior, is recommended.

**For other hints, tricks and videos on how to use CUTEK<sup>®</sup> Prepare and Protect products, visit the CUTEK<sup>®</sup> website: [CUTEK.com.au](http://CUTEK.com.au)**