



When other wood coatings fail  
professionals turn to CUTEK®

## FACTSHEET No 2 CUTEK® EXTREME

### CUTEK® EXTREME Advanced Wood Protection

- Protects from the effects of moisture – minimises warping, cupping and splitting
- Protects from the inside out
- The right choice for all exterior wood species and most engineered wood products

When you need a professional grade finish choose **CUTEK® EXTREME**. This high performing wood protection oil has been formulated by experts to control moisture and minimise warping, cupping and splitting - making your project last longer.

It helps wood resist water from the inside out, so it's perfect for outdoor applications on natural, thermally modified, and most engineered wood. It is strong enough to stand up to North America's most challenging climates.

**CUTEK® EXTREME** is NOT suitable for use on acetylated wood.

**CUTEK® EXTREME** has a cumulative effect. The oil used with each application will stay in the wood, continuing to penetrate and diffuse deeper into the wood. **CUTEK® 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.

**CUTEK® EXTREME** comes as a clear oil which allows the wood to fade in the sun to a natural silver patina. It may also be mixed with any of our **Colourtones** to enhance and maintain the freshly oiled natural look of the wood. (Refer to Factsheet No3 **CUTEK® Colourtones** for more information)



### Coverage

These figures represent typical averages for common decking and cladding such as Western Red Cedar, Pine, Ipe, Tiger deck, Cumaru and other Exotics, Thermally modified wood, etc.

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

## Understanding CUTEK® EXTREME and Colourtones

It's important to understand that **CUTEK® EXTREME** is 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 wood 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 that have been protected using clear **CUTEK® EXTREME** and have silvered can easily be returned back to the original colour using **CUTEK® ProClean** (refer to Factsheet No6 **CUTEK® ProClean**) followed by a further application of clear **CUTEK® EXTREME**.

**However, if the desire is to maintain the original colour of the wood then it is necessary to purchase a CUTEK® Colourtone suited to the selected wood which will further enhance the natural colour and grain and help to maintain its “natural” colour over a longer period of time (refer to Factsheet No3 CUTEK® Colourtones).**

### Before you apply



**Before you begin, note the hazards and precautions on the product label and on our website at [www.cutekstain.com](http://www.cutekstain.com), and ensure that you use the correct safety equipment as detailed in the Safety Data Sheet.**

### Surface preparation is essential

Before using **CUTEK® EXTREME**, it is vital to ensure the wood is clean, dry (moisture content less than 17%) and has no existing paint, oil or stain coating.

In order for **CUTEK® EXTREME** to function properly it is essential that it diffuses deeply into the wood. Anything that might prevent penetration such as an existing coating, retained moisture, or not leaving sufficient time between applications must be avoided or corrected.

Preparation may involve a thorough sanding or stripping to completely remove any previous film forming coating. If stripping is required, we recommend using **CUTEK® CD33 Naked** and **CUTEK® ProClean** to prepare the surface for **CUTEK® EXTREME**.

### Application Temperature

Unlike most other coatings, applying **CUTEK® EXTREME** in direct sunlight and hot temperatures works best.

As temperatures get colder the time for the oil to absorb will take longer. **CUTEK® EXTREME** can be applied at temperatures as low as 5 degrees Celsius or 40 degrees Fahrenheit but it will take longer for penetration to occur and the oil to fully dry.

Make sure the wood is prepared before applying **CUTEK® EXTREME** in order to get the best results.

## How to Apply

### Surface Preparation

#### New Wood

Wood does not need to weather before using **CUTEK® EXTREME**. Ensure the wood is clean and dry. New bare wood can be cleaned with **CUTEK® QuickClean**, if required.

**CUTEK® EXTREME** can be used on CCA, ACQ, and other treated wood, however, wood pre-treated with wax and polymer processes, such as LOSP, may require cleaning first with **CUTEK® ProClean** and/or a thorough sanding.

#### Old or Previously Coated Wood

The results achieved from restoration are dramatic and rewarding - the original natural colour and beauty of wood can be restored.

Old, dirty, stained or weathered wood should be prepared by using **CUTEK® QuickClean** for powerful cleaning and degreasing, or **CUTEK® ProClean** for restoring silver/greyed wood, or removing stubborn marks, (refer to Factsheets No5 **CUTEK® QuickClean** and No6 **CUTEK® ProClean**).

Wood previously coated with a film forming product such as paint, stains, polyurethane, linseed oil, etc., must first be restored back to the bare wood. Use **CUTEK® CD33 Naked** paint stripper, followed with **CUTEK® ProClean** to assist in removing stubborn marks and neutralizing any chemical residue that may be left on the wood, prior to the application of **CUTEK® EXTREME**. This process can be complex, refer to the Important Information: Removing Film Coats page, and view the videos on [www.cutekstain.com](http://www.cutekstain.com) for more information.

Once the wood is thoroughly cleaned and/or restored, and dry, two applications of **CUTEK® EXTREME** is recommended.

## Application

Avoid contact with plants, shrubs, trees and waterways.

Apply very thinly using a brush, exterior stain pad, or a low pressure sprayer - it is essential to not atomize the oil.

When using a **Colourtone** it is essential to stir the **Colourtoned** oil thoroughly from the bottom before and frequently during use.

The wood must feel completely dry and non-greasy between applications or it will delay the penetration and drying of the oil.

**CUTEK® EXTREME** may be applied at any time of day - generally the hotter the better!

For best results, two applications are recommended on bare wood at the time of initial application. If possible **CUTEK® EXTREME** should be applied to all faces of the wood prior to installing, the clear oil can be used at this point and wet stacked. The 2nd application, with a **Colourtone** if desired, can be done once the project is built to the top or outer surface, and the 1st application is completely dry.

Penetration time varies significantly, depending on species, temperature, porosity and moisture content of the wood. Thicker sections such as posts, beams, logs will require additional applications, as **CUTEK® EXTREME** has a cumulative effect in the wood. Two or three thin applications on finished wood and hardwoods are better than one or two thick applications.

## Clean Up

Equipment may be cleaned with soap and water or mineral spirits.

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.

## Storage

Store in an air-tight container. Do not let Colourtone freeze.

## Maintenance

**CUTEK® EXTREME** will continue to penetrate and diffuse deeper into the wood. **CUTEK® 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.

Projects protected with clear **CUTEK® EXTREME** may require maintenance less frequently than projects that used **CUTEK® EXTREME** with a **Colourtone**. The **Colourtone** will gradually wear or fade over time, rather than peel, split or crack, so the rejuvenation of wood is a simple fast and cost-effective process. Simply wash with **CUTEK® QuickClean** if the colour has faded and to remove general dirt and grime, or with **CUTEK® ProClean** if the wood has started to silver or grey. Heavy wear paths can have **Colourtoned CUTEK® EXTREME** lightly feathered into those areas prior to a full reapplication.

No sanding or stripping!

Reapplication time varies widely according to many factors including the species, age and porosity of the wood, use, situation, and exposure to the weather. Typically, horizontal exterior smooth surfaces such as pool decks and handrails may require coating every six months to two years, while vertical rough sawn cladding may require maintenance less frequently.

For more information refer to Factsheet No4 How to Maintain **CUTEK® Extreme**.