

CUTEK[®] EXTREME

HIGH-PERFORMANCE OIL-BASED WOOD STABILIZER



BENEFITS

- **Stabilizes your wood** - Significantly reducing splitting, warping and cupping with a self-healing action
- **Simple and easy to use** - No technical experience necessary
- **Maintenance is fast and simple** - No need to sand or strip, just simply clean and recoat
- **No flaking or peeling** - Instead, the coating is designed to fade with time
- **Cost effective** - Up to 2x the coverage rate of most wood coatings
- **Your wood is the star!** - Enhances the natural color and grain of your lumber
- **Sustainable choice** - Significantly extends the service life of wood
- **Long-term, cumulative protection** - Stays active inside your lumber to protect from the inside out
- **Apply before or after install** - no waiting for wood to weather and moisture won't enter through cuts or fasteners
- **CUTEK[®] cares** - We plant one tree for every can of CUTEK[®] Extreme sold
- **Suitable for all types of wood** - including engineered wood and some bamboo.

USES

CUTEK[®] Extreme is a high-performance oil-based wood stabilizer that highlights the natural beauty of wood and extends service life.

CUTEK[®] Extreme is simple to apply, easy to maintain, and cost effective. See the factsheet and Directions for Use for more information.

CUTEK[®] Extreme clear oil will allow the wood to naturally lighten/silver with exposure to sunlight and UV.

CUTEK[®] Colortones can be used to slow the silvering process and maintain the natural look of the wood for longer or change the color to help meet project design aesthetics.

CUTEK[®] Extreme is suitable for use on weatherboards, shingles, doors, plywood, log buildings, beams, outdoor furniture, decks, fascia boards, shutters, garage doors, joinery, hot tubs, fences, posts, engineered products and in biologically challenging environments.

CUTEK[®] Extreme is NOT suitable for use on acetylated wood.

SPECIFICATIONS

RESISTANCE GUIDE

WEATHERABILITY	CUTEK [®] Extreme will gradually fade over time rather than peel, split or crack, so the rejuvenation of wood coated with CUTEK [®] Extreme is a simple fast and cost-effective process.
HEAT RESISTANCE	Up to 176°F (80°C) dry heat.
CHEMICALS	Wood surfaces coated with CUTEK [®] Extreme 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 hot tub 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 Stabilizer
FINISH	Matt/Low Sheen
COLOR	18 different colors available (custom colors available on demand)
COMPONENTS	One
VOLUME SOLIDS	Not applicable
VOC LEVEL	≈215g/L (1.79lb/gal) ASTM 3960
FLASH POINT	73°C (163°F) ASTM D93
VISCOSITY	≈24cSt
COLORTONE	Use 3 fl oz per 0.95 gal (90mL per 3.6L)
THINNER	Do not thin
PACK SIZES	0.95gal (3.6L) and 5gal (18.9L)

COVERAGE GUIDE

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

New woods, dressed	400-800 ft ² /gal
Old restored wood, dressed	250-350 ft ² /gal
New wood, rough sawn	250-300 ft ² /gal
Old restored wood, rough sawn	150-250 ft ² /gal
Shingles and shakes	84-212 ft ² /gal

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



PREPARATION AND PROTECTION GUIDELINE

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

WOOD CONDITION/ DESIRED EFFECT	SITUATION	PREPARATION	PROTECTION	ADD CUTEK® COLORTONE? (Y/N)
NEW Wood Retain freshly oiled look or alter the wood color	Exterior	Clean with CUTEK® Wood Reviver if tannin/water/iron stained Otherwise clean with CUTEK® Quickclean	Apply 2 coats of CUTEK® Extreme	Y
NEW Wood Stabilize & allow to naturally lighten/silver	Exterior	Clean with CUTEK® Wood Reviver if tannin/water/iron stained otherwise clean with CUTEK® Quickclean	Apply 2 coats of CUTEK® Extreme	N
OLD WOOD - Previously Coated in CUTEK® Extreme Retain freshly oiled look or alter the wood color	Exterior	Clean with CUTEK® Wood Reviver if maintenance has been neglected and wood is grayed, heavily stained or has an excessive build-up of CUTEK® Colortone. Otherwise clean with CUTEK® Quickclean.	Apply 1 coat of CUTEK® Extreme	Y
OLD WOOD - Previously Coated in CUTEK® Extreme Stabilize & allow to naturally lighten/silver	Exterior	Remove previous coating with CUTEK® Wood Stripper then clean with CUTEK® Wood Reviver	Apply 2 coats of CUTEK® Extreme	N
OLD WOOD - Previously coated with film forming coating Retain freshly oiled look or alter the wood color	Exterior	Remove previous coating with CUTEK® Wood Stripper then clean with CUTEK® Wood Reviver	Apply 2 coats of CUTEK® Extreme	Y
OLD WOOD - Previously coated with film forming coating Stabilize & allow to naturally lighten/silver	Exterior	Remove previous coating with CUTEK® Wood Stripper then clean with CUTEK® Wood Reviver	Apply 2 coats of CUTEK® Extreme	N
OLD WOOD - Previously uncoated Stabilize & allow to naturally lighten/silver	Exterior	Clean with CUTEK® Wood Reviver if tannin/water/iron stained otherwise clean with CUTEK® Quickclean	Apply 2 coats of CUTEK® Extreme	N
OLD WOOD - Previously uncoated Retain freshly oiled look or alter the wood color	Exterior	Clean with CUTEK® Wood Reviver if tannin/water/iron stained otherwise clean with CUTEK® Quickclean	Apply 2 coats of CUTEK® Extreme	Y



DIRECTIONS FOR USE

APPLICATION

APPLICATION PRECAUTIONS

Before you get started: Note the hazards and precautions on the CUTEK[®] 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 our website at www.cutekstain.com, or by checking with customer service on 1-833-692-8835.

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.

STEP BY STEP

APPLICATION PROCESS:

Before you protect: It is very important that wood is clean, non-greasy and dry (moisture content of less than 17%) prior to coating with CUTEK[®] Extreme. Refer to the factsheet and can label for directions on how to prepare wood for coating with CUTEK[®] Extreme.

Weather: Once applied, CUTEK[®] Extreme generally requires 2-3 days of dry conditions after coating to facilitate full penetration/diffusion (drying) and an even color finish.

Colortone: Unless a clear finish that will naturally lighten/silver/gray off with exposure to the elements is desired, it is important to mix in 1 CUTEK[®] Colortone per 0.95gal (3.6L) of CUTEK[®] Extreme before use.

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

Apply thin, even coats with a brush or paint pad. CUTEK[®] Extreme works best when applied as a THIN COAT - two or three thin coats on finished wood 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 a SECOND coat applied to the top surface once the first coat has completely penetrated/diffused (dried). If applying post-construction, apply 2 thin coats to all accessible wood surfaces, ensuring the first coat has completely penetrated/diffused (dried) before applying the second coat.

Drying time: Unlike traditional wood coatings, CUTEK[®] Extreme needs to penetrate/diffuse deeply into your wood. This penetration/diffusion (drying) process varies in time for many reasons including differences in wood type (species, density, porosity, age and residual moisture content) as well as environmental factors (temperature, humidity, weather).

The wood is ready for the 2nd coat of CUTEK[®] Extreme when it is completely dry and non-greasy. The second coat of CUTEK[®] Extreme will take longer to migrate into your wood than the first coat.

Clean-up: Equipment (including brushes) may be cleaned with mineral spirits 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 39 degrees Fahrenheit (4°C), 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 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 should be reapplied when the wood is no longer beading water, or as frequently as necessary to retain the natural beauty and color of the wood or refresh your chosen CUTEK® Colortone.

Typically, horizontal exterior wood surfaces exposed to full weather such as pool decks and handrails will require recoating more frequently (initially after 6-12 months), while other surfaces such as vertical rough-sawn cladding will need recoating less often.

IMPORTANT INFORMATION

CUTEK® Extreme is a high-performance, oil-based wood stabilizer. It has been designed to protect wood 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 wood 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 ambient temperature and weather exposure, as well as species, porosity, density and moisture content of your wood. Because of the wide range of applications possible for CUTEK® Extreme and different factors affecting penetration/diffusion (drying) 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 a project.

CUTEK® Extreme is not suitable for use on food preparation surfaces.

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 wood.
- 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 the wood: Existing film coats may act as a barrier to CUTEK® Extreme penetration/diffusion. CUTEK® Extreme must be applied to clean, bare and dry wood, and previous coatings must be properly removed PRIOR to application of CUTEK® Extreme.

Disclaimer

CUTEK® will not accept liability for:

- the application of incorrect color 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.



UNDERSTANDING CUTEK® COLORTONES

It's important to understand that CUTEK® Extreme is a unique penetrating oil designed to enhance the natural color 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 using clear CUTEK® Extreme oil that have silvered can easily be returned back to the wood's original color using CUTEK® Wood Reviver and high pressure washing followed by further applications of CUTEK® Extreme clear oil.

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

STORAGE & SAFETY

SAFETY	Read the Safety Data Sheet and any precautions on container labels.
STORAGE	This product is NOT classified as dangerous goods for storage and road and rail transport under ADG code Special Provision AU01 exemption in the United States of America. 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 ANSI Z87.1-2015 and impervious rubber gloves 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.

LICENCE HOLDER

CUTEK America LLC
6810 Tordera St
Coral Gables, FL 33146 USA

Deck Source Inc.
22 Winstar Rd, Unit 1,
Oro-Medonte, ON, L0L 2L0

Contact:
1-833-692-8835

The data presented in this medium and any advice, recommendation, information, assistance or service provided by CUTEK® in relation to goods manufactured by it or their use and application is given in good faith and is believed by CUTEK® to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by CUTEK® 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 for 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.