

## MACHINE COAT (COPPER)

PREMIUM PENETRATING OIL-BASED WOOD COATING/STABILISER

FOR MACHINE APPLICATION ONLY D641

### FEATURES

- Easy to apply and maintain
- 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
- Suitable for all types of wood including engineered wood and some bamboo
- Able to be tinted with CUTEK® Colourtones

**USE** CUTEK® Machine Coat (Copper) is a cost-effective wood stabilising oil for factory pre-coating of timber for a large range of applications such as, decking, cladding, fencing, facade, structural timbers, furniture, doors, windows and green lumber.

**WHY USE CUTEK® MACHINECOAT (COPPER)?** All timber is subject to varying degrees of movement due to constant changes in moisture, temperature and weather exposure conditions which presents as warping, twisting, cupping, splitting and checking. Many wood species are also prone to surface mould and fungi staining. All these aspects combined have the potential to reduce the commercial value of the timber and companies have to factor in stock percentage loss which costs money. CUTEK® Machine Coat (Copper) provides an excellent solution by helping to reduce movement and surface mould/fungi staining problems. Most companies that use CUTEK® Machine Coat (Copper) find the cost is offset due to reduces loss from warped and stained stock. CUTEK® Machine Coat (Copper) adds value to your overall timber supply operation and is the SMART solution for wood protection. You can now protect your timbers before they leave the mill or factory.

**APPLICATION** CUTEK® Machine Coat (Copper) is a clear use oil and is applied using brush, rollers, paint pads or spray equipment. Application is fast and easy.

**WET STACKABLE** Clear CUTEK® Machine Coat (Copper) can be wet stacked after application without delay. It is generally not recommended to wet stack timber coated with CUTEK® Machine Coat (Copper) where a CUTEK® Colourtone has been added as this may produce an inconsistent 'smudged' finish.

**FOLLOW UP PROTECTION** We recommend follow up protection using CUTEK® Extreme CD50 clear oil or with the addition of our mix-in CUTEK® Colourtone.

### SPECIFICATIONS

#### RESISTANCE GUIDE

**WEATHERABILITY** CUTEK® Machine Coat (Copper) will gradually fade over time rather than peel, split or crack. It is designed to be overcoated within 3 months with CUTEK EXTREME (with or without a Colourtone)

**HEAT RESISTANCE** Up to 80°C dry heat.

**CHEMICALS** Wood surfaces coated with CUTEK® Machine Coat (Copper) may show splash or spilling marks if contacted by chemically staining products such as wine, cleaner contaminated water, or strong chemicals.

**WATER** Very good resistance to fresh and salt water but not suitable for immersion.

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### TYPICAL PROPERTIES AND APPLICATION DATA

CLASSIFICATION	Penetrating Wood Stabiliser
FINISH	Matt/Lowsheen
COLOUR	Amber/green coloured, dries clear
COMPONENTS	One
VOLUME SOLIDS	Not applicable
FLASH POINT	73°C ASTM D9
VISCOSITY	~21 cSt
COLOURTONE	May be used with CUTEK <sup>®</sup> Colourtones
THINNER	Do not thin
PACK SIZES	20L, 200L, 1000L
PRODUCT CODE	D641 - CUTEK <sup>®</sup> Machine Coat (Copper)

### SPREADING RATE

NEW HARDWOODS DRESSED	20-25m <sup>2</sup> /litre	(800-1000 sq feet/gallon)
OLD RESTORED TIMBER DRESSED	9-11m <sup>2</sup> /litre	(366-440 sq feet/gallon)
NEW TIMBER ROUGH SAWN	9-11m <sup>2</sup> /litre	(366-440 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)

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

### SUBSTRATE

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

SUBSTRATE TYPE/ DESIRED EFFECT	SITUATION	PREPARATION	PROTECTION	ADD COLOURTONE? (Y/N)
Wood – newly sawn Retain freshly oiled look or alter the wood colour	Exterior	Newly dressed timber, or sanding using 80grit sandpaper.	Apply 1 coat of CUTEK <sup>®</sup> Machine Coat (Copper).	Y
Wood – newly sawn Stabilise & allow to naturally lighten/silver	Exterior	Newly dressed timber, or sanding using 80grit sandpaper.	Apply 1 coat of CUTEK <sup>®</sup> Machine Coat (Copper).	N

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### DIRECTIONS FOR USE

#### APPLICATION

##### APPLICATION PRECAUTIONS

**Before you get started:** Before you begin, note the hazards and precautions on the CUTEK<sup>®</sup> 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](http://www.cutek.co.nz), or by checking with customer services on 0800 128835.

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.

##### 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.

##### STEP BY STEP APPLICATION PROCESS

Application varies with machine type. For most economical use saturate the timber and then remove as much product from the surface as possible with air knives or rollers, etc.

##### CLEAN UP

Equipment may be cleaned with Machine wash. 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.

#### 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 storage and road and rail transport. 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 a combustible liquid. On burning will emit toxic fumes.

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### DISTRIBUTOR INFORMATION

Timber Protection Ltd  
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Auckland NZ 0632

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