



Resene Woodsman Natural Wood Oil

(Resene Woodsman Natural Cedar Wood Oil)

Waterborne wood stain. Exterior/Interior

Technical Data Sheet D514 V1-4-26

This data sheet replaces
all previous issues

Resene Woodsman Natural Wood Oil is a non-film forming penetrating wood oil stain designed to enhance and protect exterior and interior timber walls and ceilings.

Typical uses

- Cedar/Redwood
- Weatherboards
- Engineered timbers
- Plywood
- Dressed and band sawn timber

Performance

- An Eco Choice Aotearoa approved product
- Highly penetrative stain that enhances the natural grain of timber
- Fast dry
- Low odour
- Has excellent mould resistance
- Selected colours can be tinted using Resene CoolColour technology to help reflect heat.
- Can be used over weathered mineral oil stains

Limitations

- Do not apply at temperatures below 10°C or when it is liable to drop below 10°C during the drying period. Drying is slowed by low temperatures and high humidity. Do not apply under damp conditions.
 - Will not prevent plywood surface checking.
 - Not suitable for use over intact film forming stains or recently applied mineral oil stains.
 - Not suitable for use on decks or flooring.
 - Will not kill existing mould. Use Resene Moss & Mould Killer (refer to label instructions and [Data Sheet D80](#)).
 - Will require maintenance on average after two to three summers. Maintenance times will vary with exposure conditions, colour and number of coats applied over time.
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Physical properties

Vehicle type	Mixture of emulsified oils and resins
Pigmentation	Natural coloured oxides and limed colours
Solvent	Water
Colour	Standard colours from the Resene Woodsman Natural Wood Oil colour chart. It may also be tinted to colours from the Resene Exterior Woodcare colour range. Available in clear; however, the clear finish is not recommended for UV-exposed exterior timber as it does not provide adequate UV protection.
CoolColour™	Selected colours can be made using Resene CoolColour technology.
VOC level	2.5 grams per litre

Surface preparation

General

Clean down thoroughly to remove all dirt, dust and loose material. Ensure surface is free from oil, grease and mould. If moss and mould are present, treat with Resene Moss & Mould Killer (refer to label instructions and [Data Sheet D80](#)).

Wash and scrub the surface using Resene Timber and Deck Wash (refer to label instructions and [Data Sheet D813](#)) to maximise the degree of product penetration. Extra care should be taken if recoating weathered mineral oil stains or where this may be case.

Before applying any coating ensure the surface is clean and dry. Refer also to Resene Surface Information and Preparation Data Sheet (SIPDS) for [Timber](#) as appropriate.



SIPDS No. 2
Timber

Application

1. Prepare as above. Stir well with a wide flat stirrer to achieve a uniform consistency before and during application.
2. The colour or product appearance in the can may differ significantly from the final applied colour. Try on an offcut or an inconspicuous area before proceeding.
3. Apply 2-3 coats of Resene Woodsman Natural Wood Oil, allowing dry time between coats.
4. For maintenance coats, only 1 coat may be required.
5. Where practical, stain all faces of the timber including the end grains.
6. To avoid unsightly lap marks, ensure the stain is applied to the full length of each weatherboard or plywood sheet, working in a constant direction.

Apply using a synthetic brush or roller. For lightly textured surfaces/sawn timber apply using a Resene PAL No. 7 roller sleeve, for smooth panels and timber like plywood, apply using a Resene PAL No. 4 roller sleeve. For more information on staining weatherboards, refer to the Resene Project Video using the adjacent QR code.



Staining Weatherboards
Project Video

Typical coverage	Dressed timber: 1st coat 10-12 sq. metres per litre. 2nd coat 10-12 sq. metres per litre. Band sawn and weathered timber: 1st coat 3-4 sq. metres per litre. 2nd coat 5-7 sq. metres per litre.
Dry film thickness	24 microns at 10 sq. metres per litre.
Dry time (minimum)	4 hours at 20°C
Recoat time (minimum)	24 hours at 20°C. Rain resistance is normally achieved in 8 hours at 20°C.
Usual no. of coats	2-3 for new work depending on colour, porosity and degree of weathering. 1-2 for maintenance applications.

Thinning

In hot, dry conditions Woodsman Natural Wood Oil may be thinned with up to 5% [Resene Hot Weather Additive](#).

Clean Up and Product Responsibility

Clean up with water when wet or mineral turps when dry.

See online for guidance on [cleanup and disposal](#) without polluting the environment.

Return any unwanted product or packaging to the [PaintWise recycling service](#) (NZ) or [Paintback](#) (AU).

Precautions

1. Wear appropriate protection to avoid splashing into eyes and skin contact.
2. All sanding dusts can be harmful. Always wear appropriate protection.
3. Will not penetrate through existing coatings or very hard latewood bands.
4. Contains powerful fungicides. Avoid skin contact. If any skin contact occurs, wash skin thoroughly with soap and water immediately. Do not scrub skin.
5. Always colour test first on the timber to be stained to confirm that the choice of colour gives the result you want.
6. Will not block tannin staining. If it occurs, it will tend to weather out over two to three months.

Read the current Safety Data Sheet before specifying or using Resene products. Resene Technical Data Sheets are updated from time to time. This Technical Data Sheet is provided as a guide for this product and may differ from the most recent version. Please discuss your project with your Resene Technical Representative, local Resene ColorShop team or reseller to ensure you have the right products to give you the best quality finish for your specific project.

Safety Data Sheet (SDS)

Read the Safety Data Sheet before use, visit www.resene.com/datasheets.