



**Rosenfeld  
Kidson**

# INTERIOR TIMBERS

FOR SOLID TIMBER FLOORING, WALL PANELLING AND SARKING



# WHY CHOOSE A SOLID TIMBER FLOOR?



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If you are seeking an authentic and natural alternative for your flooring that will last indefinitely, a well-crafted, solid timber floor is unsurpassed.

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### AGELESS QUALITY

Solid wood flooring provides natural beauty and is warm to the touch. It is easy to maintain and being solid hardwood throughout, has supreme resilience that will last forever. When other floors begin to look tired and worn, your timber floor will gain character and always look beautiful. Hardwood floors become more valuable over time and if required, can be re-finished many times.

### VARIETY

Solid timber is a very versatile flooring alternative with a large range of timber species and grades available with no two boards the same. These alternatives offer a wide variety of grain, colour and sizes to choose from. These range from pale White Oak, Maple and Australian Oak to the warmth of Matai and the deep hues of Jarrah. These timbers readily accept oils and stains and there are myriad of finishes available to suit any interior. These timbers are also supplied in random lengths providing further authenticity in the layout of the floor.

### DESIGN FLEXIBILITY

Natural solid timber is not only used for flooring but is suitable for many other complimentary interior applications, such as stair nosings, solid treads, risers, stringers, skirting, architraves, battens as well as ceiling sarking and wall panelling. Using solid timber ensures these all match, enabling consistency, design flexibility, with the ability to show the end grain and a simple palette of materials.

### SUITABLE FOR ANY APPLICATION

New Zealand can boast a great level of experience in the laying and finishing of solid timber flooring. With modern flooring systems and experienced floor layers, solid timber floors can be laid in any situation to provide a long lasting and beautiful floor wherever it is desired. Rosenfeld Kidson can recommend floor layers in your region and have detailed installation specifications for the full range of substrates, including underfloor heating systems and acoustic underlays.

Please refer to the Rosenfeld Kidson Solid Timber Flooring Installation brochures for detailed instructions for installing flooring on a variety of substrates. These include over joists, existing floors, softwood panels, on a concrete slab, on a concrete slab with underfloor heating and also on an acoustic membrane.

Solid timber floors after installation are sanded in-situ and then finished on-site. Finishing the floor in its entirety provides the opportunity to seal the floor more effectively than pre-finished flooring products. This makes solid timber flooring more suitable for wet areas such as bathrooms and laundries. Please talk to your flooring contractor about the best coating products to use for these situations.

### GREAT VALUE

A solid timber floor is a great investment. In addition to its ageless quality, there is typically little difference in price with engineered or laminate flooring, depending on the quality of these types of flooring, which can be difficult to determine.

### KNOW WHAT YOU ARE GETTING

With Rosenfeld Kidson solid timber flooring, you know you are receiving the best quality product available. There are no hidden secrets in its make-up. It is simply the finest timbers imported from around the world, conditioned to suit New Zealand environments by the most experienced people in the industry and profiled to the highest standard using the latest timber processing machinery.

### HEALTH BENEFITS

Wooden floors do not capture the dust, dander, pollen, pet fur, smoke and other allergy-causing substances that build up in your home. These substances can also lead to the presence of dust mites, other insects and promote asthma and other respiratory problems.

These allergens will still be present throughout your home but the difference is that natural hardwood floors are easier to clean and maintain.

### ENVIRONMENTAL

Timber floors store carbon. Up to half the dry weight of wood is carbon that's been absorbed from the atmosphere by trees as they were growing. Lowering the amount of carbon dioxide in the atmosphere is one of the most important things we can do to reduce the damage associated with climate change.

This carbon is sequestered in the timber for the life of the flooring, which is estimated to be an average of 100 years for solid timber flooring.

The manufacture of solid timber flooring uses no glues and minimal processes and therefore uses less energy than other flooring materials, including engineered and laminated flooring. Timber flooring creates five times less carbon emissions than ceramic tiles.

All Rosenfeld Kidson's solid timber flooring products are sourced from sustainable, well-managed forests.



# TYPES OF SOLID TIMBER FLOORING



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## SOLID STRIP TONGUE & GROOVE FLOORING

This structural timber flooring, typically available in 19-21mm thick is fixed to softwood panel subfloors of particleboard or plywood, over joists or battens or direct to a concrete slab. It provides a traditional timber floor renowned for its strength, durability and character. As such, throughout its life, it can be rejuvenated to near new conditions by sanding and re-finishing. It can be top-nailed or secretly fixed and glued to concrete slabs.

Rosenfeld Kidson typically supplies flooring with a secret nail profile to allow secure fixing without top nailing. Solid timber flooring is most commonly laid direct to the concrete slab using specialist adhesives and water-proof membranes.

Boards can also be ‘end-matched’ to facilitate end-jointing between joists and to avoid laborious end-docking on-site.

This tongue and groove flooring is available in a range of timber widths. These vary by species and range from 65 to 220mm cover.

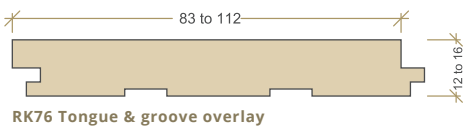
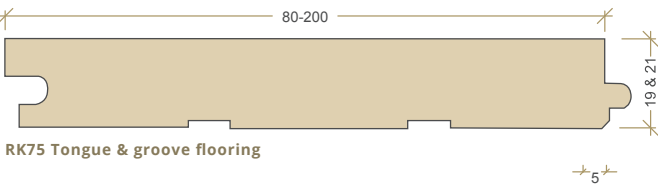
## TONGUE & GROOVE OVERLAY FLOORING

Tongue and groove overlay flooring is a popular and economical option for those wanting the beauty and luxury of a solid hardwood floor, at a more economical price. Available in a range of timber species, this solid wood flooring product is designed to overlay concrete or an existing timber, plywood or particleboard floor. Tongue and groove overlay timber flooring is typically available in a 13mm thickness.

## PARQUETRY

Rosenfeld Kidson also manufacture custom parquetry in-house in a range of products. Traditional hardwood parquet flooring comes in two forms – block parquet and smaller finger parquet. Block parquet is usually produced in a 19mm finished thickness but thinner options are also available. Common block parquet dimensions are 260x65mm and 340x85mm. Finger parquet tiles and other profiles are available upon request.

## TONGUE & GROOVE FLOORING



## SOLID TIMBER FLOORING SPECIES AND SIZE OPTIONS

Species	Grade	Gross size, finished size and availability						
		100x16mm	125x16mm	100x25mm	125x25mm	150x25mm	200x25mm	225x25mm
American White Oak	Prime			80x19mm		128x19mm	172x19mm	
American White Oak	Feature			80x19mm		128x19mm	172x19mm	
American White Oak	Rustic			80x19mm		128x19mm	172x19mm	
American Hard Maple	Prime			80x19mm		128x19mm	172x19mm	
European Oak	Feature							200x19mm
Australian Oak	Select	85x13mm	112x13mm	85x19mm	108x19mm	133x19mm		
Australian Jarrah	Prime			80x19mm		130x19mm		
Kwila FSC 100%	Select	85x13mm	112x13mm	85x19mm		133x19mm		



# INSTALLATION





## INSTALLATION

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Floor layers and finishers should be experienced, competent trades people, familiar with the materials and the techniques specified. Please contact Rosenfeld Kidson for a list of approved installers.

Please refer to the Rosenfeld Kidson Solid Timber Flooring Installation brochures for detailed installation instructions of the following:

- Solid timber flooring over joists
- Solid timber flooring over an existing floor or softwood panel substrate
- Solid timber flooring over a concrete slab
- Solid timber flooring over a concrete slab with underfloor heating
- Solid timber flooring with an acoustic underlay over a concrete slab





# FLOOR COATING FINISHES





## FLOOR COATING FINISHES

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When flooring is site sanded the options for coatings include oils and solvent or water-based polyurethanes. Depending on the type of floor installed, location of the floor in the house, locality of the house and climate, some floor finishes will be more appropriate than others.

Traditional oil based finishes and hard wax oils provide a more subdued natural appearance. Solvent and water based polyurethanes tend to be more wear resistant and come in a wide range of gloss levels.

Rosenfeld Kidson recommends Rubio Monocoat Oil and Handley Industries' Polyurethanes.

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### RUBIO MONOCOAT OIL PLUS 2C

Rubio Monocoat Oil Plus 2C is a molecular-binding oil that provides durable colour and protection in one single layer. It is easy to use, non-overlapping and easy to maintain.

The oil doesn't contain any water or solvents and therefore 0% VOCs. It only contains natural ingredients and is very safe to use, as well as being equally safe for the environment.

The Rubio Monocoat oil adheres – within a couple of minutes – to the upper microns in the wood by a strong molecular bond (non film-forming and no saturation). This unique technology has set Rubio Monocoat apart from other wood protection products for many years.

#### Rubio Monocoat Features:

- Durable colour and protection of the wood
- In one single layer
- Easy to use, no overlapping
- Easy to maintain
- 100% natural ingredients, 0% VOC
- Wide range of colours, with 40 standard colours
- Can be applied to almost all wood types

### HANDLEY'S WATERBORNE POLYURETHANE

Handley's Aquapol represents the latest in waterborne polyurethane technology as a non-toxic, one-pot, ready-to-use, high performance floor finish that rivals many of its solvent-based counterparts.

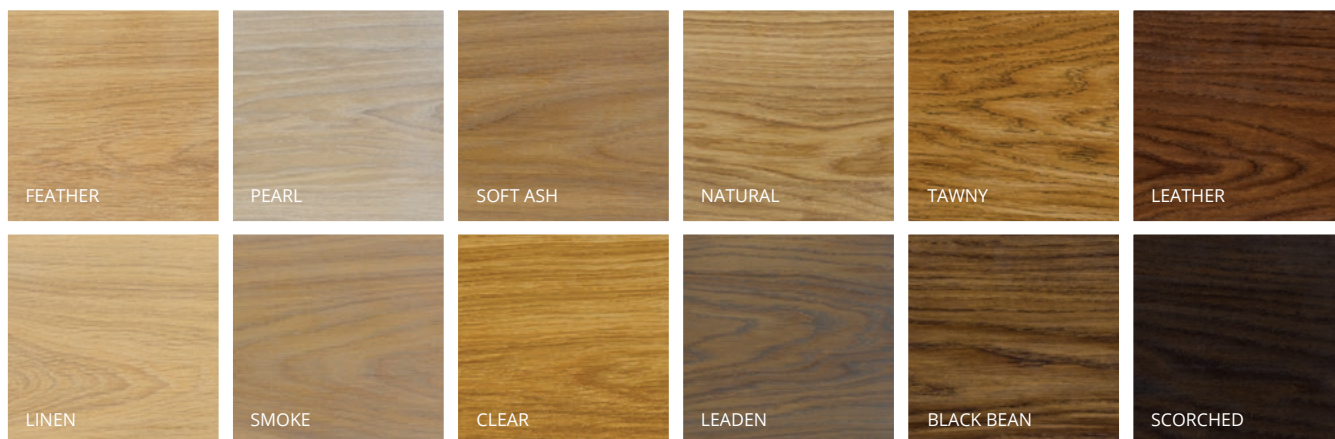
Aquapol dries rapidly through water evaporation and polymer coalescence. This allows several coats to be applied in one day with no lingering fumes and with little inconvenience to the home owner or business owner.

Aquapol is 100% polyurethane and as such, exhibits the typical polyurethane characteristics of exceptional chemical, abrasion and water resistance. Aquapol acts as its own sealer and finish, no base coat is required and may also be over-coated with standard Handley solvent based polyurethanes.

#### Aquapol Features:

- Non-yellowing
- Low odour
- Easy application
- Easy re-coating
- One can – no mixing required
- Excellent coverage: 8-10m<sup>2</sup> / Litre (depending on porosity)
- Available in a range of finishes – Satin, Low-sheen, Matt and Matt Plus

A selection of popular Rosenfeld Kidson Rubio Monocoat colours on American White Oak (over 40 standard colours available).



#### IMPORTANT

Colour samples are representative only. Natural timber colour variation, grain structure and the quantity of coating applied will determine the final colour achieved. We encourage testing a liquid sample on the timber being coated, before committing to your choice.



# SOLID TIMBER SARKING AND WALL PANELLING





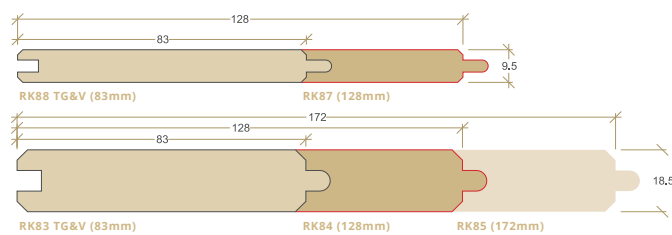
## SOLID TIMBER SARKING AND WALL PANELLING

The versatility of timber enables Rosenfeld Kidson to offer a huge array of ceiling sarking and wall panelling alternatives.

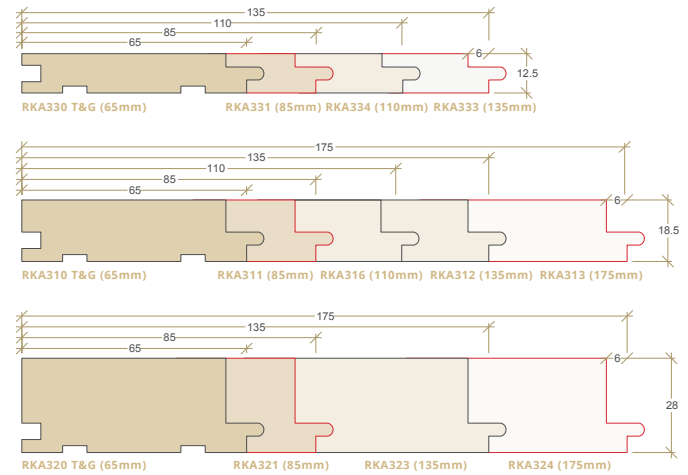
There is an array of many species to choose from. This coupled with a large range of profile options and finishes, means there is a solution to suit almost any interior design.

Our most popular option is Western Red Cedar, which can be offered in a range of finishing colour choices. Timber profiles are available in many widths and thicknesses, can have a 'V' joint or square negative detail of varying widths and be finished with either a bandsawn or dressed and sanded face.

### PANELLING & SARKING - TRADITIONAL TG&V

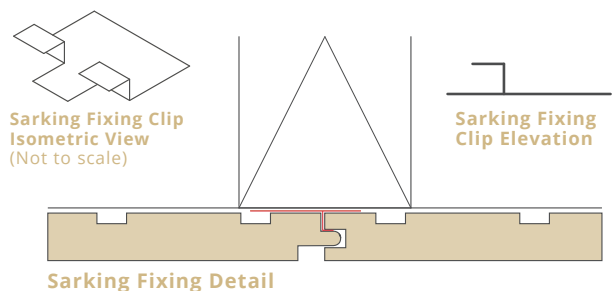


### PANELLING & SARKING - INTERCHANGEABLE, HIDDEN-FIXED PROFILES WITH 6MM SQUARE NEGATIVE DETAIL



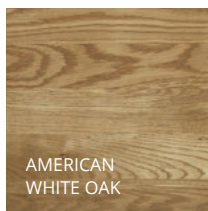
Rosenfeld Kidson have an innovative hidden fix clip system to suit all panelling profiles. This allows the timber profiles to be invisibly fixed, flush to either timber ceiling battens or Rondo concealed aluminium ceiling systems.

The hidden fix clips are available as either galvanised for interior use or in stainless steel for exterior soffits.





## INTERIOR TIMBER SPECIES FOR FLOORING & PANELLING



### AMERICAN WHITE OAK

(Quercus spp) (F)(S)

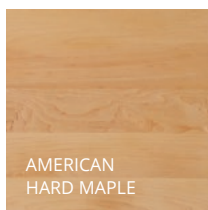
American white oak is a pale yellow-brown biscuit colour with a pinkish tint. Straight grained and mainly crown cut with a characteristic silver grain figure on quarter sawn material. This comes from the timber's broad rays which give white oak this unique characteristic.



### AUSTRALIAN OAK

(Eucalyptus regnans & delegatensis) (F)(S)

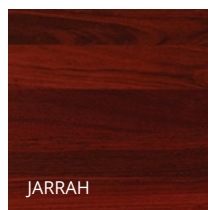
Also known as Victorian Ash or Tasmanian Oak it is a mixture of two Eucalypt species. It ranges in colour from pale pink to brown straw. It is straight, open and even grained with a uniform texture, all quarter sawn for stability.



### AMERICAN HARD MAPLE

(Acer saccharum/nigrum) (F)(S)

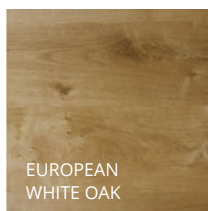
American Hard Maple colouring is cream-white with a pinkish tinge. Usually straight grain but sometimes curly or wavy and the texture is fine and even. Fine brown lines give an attractive growth ring figure.



### JARRAH

(Eucalyptus marginata) (F)(S)

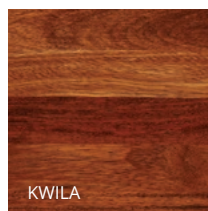
Jarrah heartwood is a rich dark brownish-red, sometimes marked with short, dark brown radial flecks. Gum veins or pockets may also be present. The grain is usually straight but often interlocked or wavy. The texture is even but moderately coarse.



### EUROPEAN WHITE OAK

(Quercus spp) (F)(S)

European Oak heartwood is light tan to biscuit colour and usually straight grained but irregular or cross-grained material can occur. Characteristic silver grain figure on quarter sawn surfaces due to broad rays. This timber carries more feature than prime grade American Oak in the form of occasional tight knots and a tighter grain.



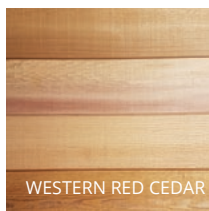
### KWILA

(Intsia bijuga) (F)(S)

Kwila heartwood is yellow-brown to dark red-brown in colour. The grain is slightly interlocked and the texture is moderately coarse. Yellow deposits in the vessels are a common feature of the wood. All Rosenfeld Kidson Kwila flooring carries full FSC® 100% certification.



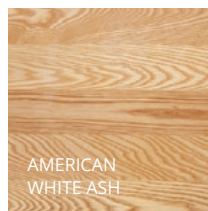




### WESTERN RED CEDAR

(Thuja plicata) (S)

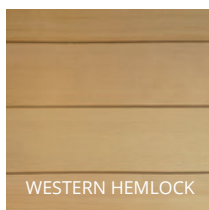
Western Red Cedar heartwood shows variations in colour when fresh from dark brown, to pale straw, to pink in colour, maturing to a reddish-brown over time. Straight grained and rather coarse texture, it has a very low shrinkage factor



### AMERICAN WHITE ASH

(Fraxinus americana) (S)

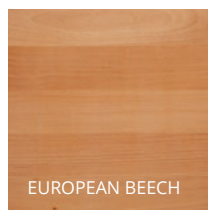
American White Ash sapwood is white. It has a strong grain pattern similar to Oak. The wood is generally straight grained and crown cut with a coarse but even texture.



### WESTERN HEMLOCK

(Tsuga heterophylla) (S)

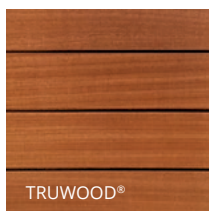
Western Hemlock heartwood is a uniform pale brown with distinctive growth ring figuring. The wood is straight grained, non-resinous with a lustrous surface and a fine, even texture.



### EUROPEAN BEECH

(Fagus sylvatica) (S)

European Beech heartwood and sapwood are cream to pale pink in colour with a straight grain and fine, even texture. The grain is not pronounced and a small fleck is present. It is common practice to steam the timber, which turns it to a darker pink-red colour.



### TRUWOOD®(S)

This beautiful product is a thermally treated, clear grade, low density hardwood. The thermal treatment provides a very even, rich brown, Teak coloured timber with great properties of stability without any chemical treatment – just heat and wood. It has an attractive ribbon grain and fine finish.



### ALASKAN YELLOW CEDAR

(Chamaecyparis nootkatensis) (S)

Alaskan Yellow Cedar heartwood is a consistent pale yellow colour with a fine, even texture and is straight-grained. It is not a true cedar and is harder and more durable than most other softwoods.





## FACTORYCOAT FOR PANELLING & SARKING

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To introduce a further level of design flexibility to this range, we have developed FactoryCoat. This advanced timber coating facility applies coatings to prescribed coverage rates in a controlled environment to strict quality control standards. This finishing service is a natural complement to Rosenfeld Kidson's timber machining operation. FactoryCoat employs two main products to suit any application. These enhance the natural tonal range of the timber, improving the performance and decorative appearance of our wall panelling and sarking products.

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Depending on the location of the timber in the building, species of timber used and aesthetic to be achieved, one or either product will be more suitable. Please contact Rosenfeld Kidson for recommendations on the best products to use.

Rosenfeld Kidson can readily supply samples on request.

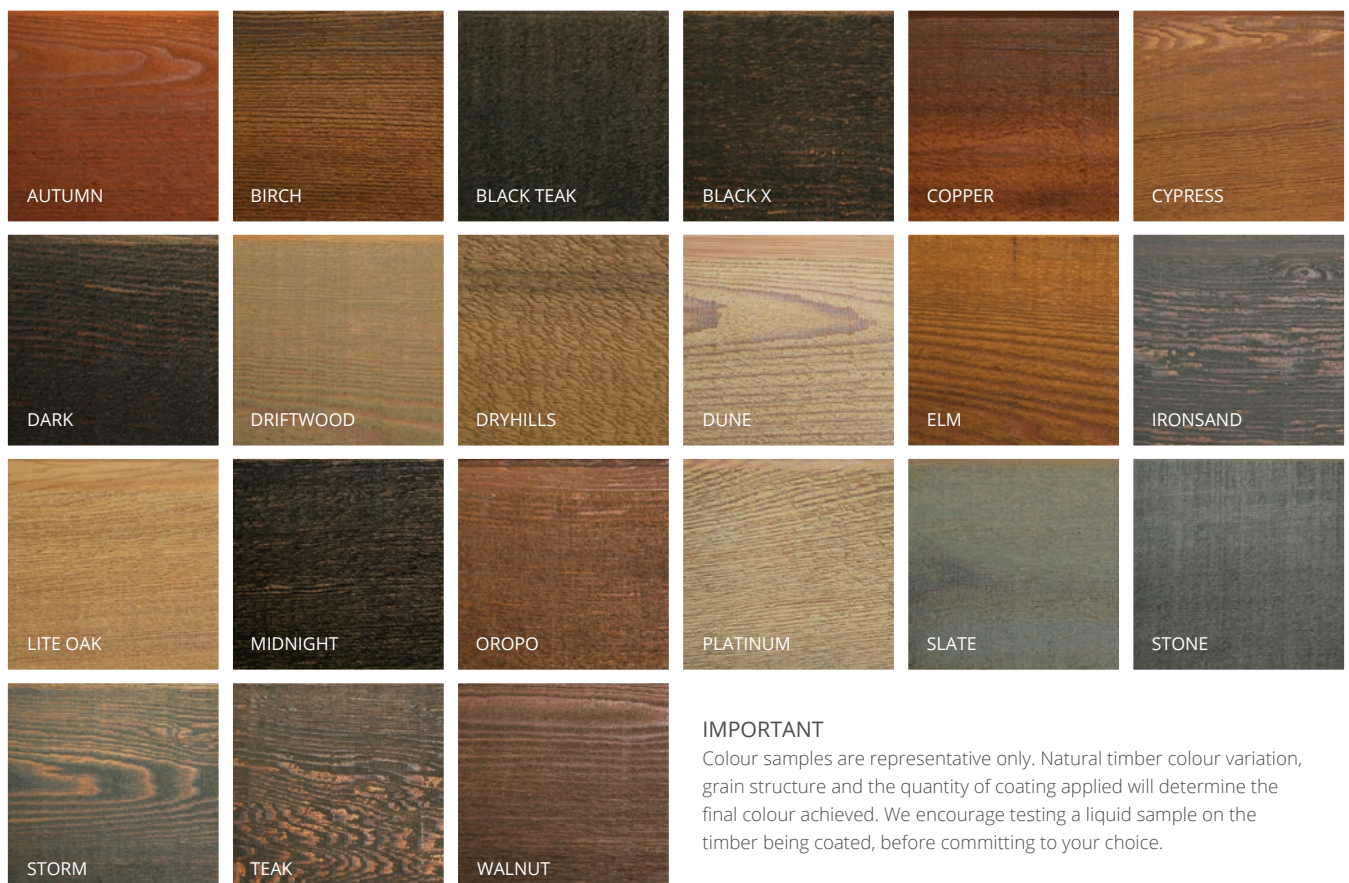
### DRYDEN WOODOIL

Dryden WoodOil is different to stains. WoodOil is a penetrating and migrating oil that progressively soaks deep into timber and does not just sit on the surface.

#### Dryden WoodOil Features:

- Non film-forming
- Improves timber performance
- "Feeds" cell structure of the timber surface
- Mould inhibitor
- Water repellent
- Wide range of colours available  
(Custom colours also available)

Dryden WoodOil on Cedar:



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## NATURETONE

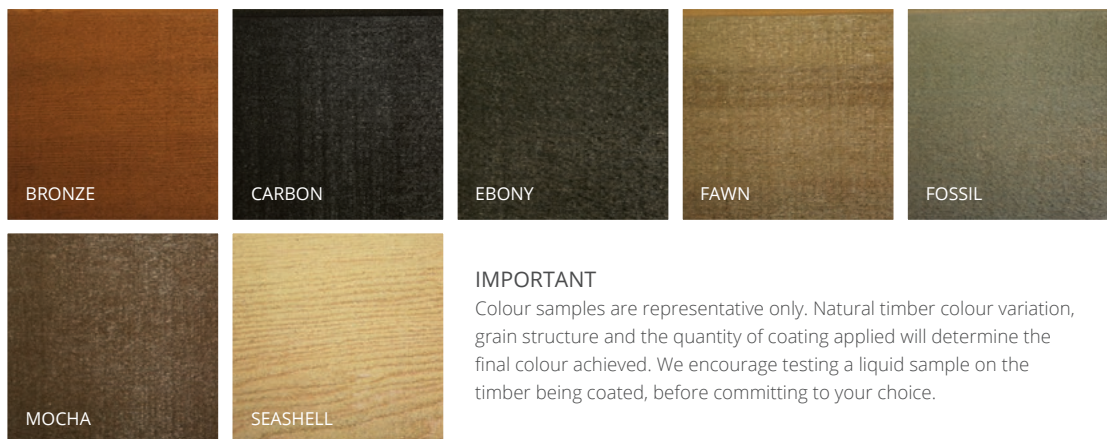
In addition to our range of wood oil products, Rosenfeld Kidson also supplies Naturetone® – a modern wood stain with advanced properties for coating interior wall panelling and sarking.

Naturetone is a water-borne, breathable, oil-modified stain, formulated for a range of timbers. The penetrating, semi-transparent finish delivers excellent long-term performance.

### Naturetone Features:

- Excellent penetrating properties
- High UV protection
- Excellent water repellency
- Long-term anti-mould properties
- Fast drying to provide a sealed surface
- Bold, natural colour tones

Naturetone on Cedar:



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Naturetone on Truwood®:

