

# CHOOSE THE BEST TIMBER SPECIES FOR WINDOWS & DOORS

TIMBER SPECIES SELECTION CHART



NICCO  
TIMBER WINDOWS & DOORS



# DISCOVER FIVE OF OUR FAVOURITE TIMBERS

## ACCOYA® | Pinus Radiata

Accoya® is a high-performance modified timber. It's created when fast-growing timber species (such as Radiata pine) are acetylated, changing their molecular structure to enhance performance.

Best of all, Accoya® wood is highly sustainable, and has received FSC, PEFC, AFS and Cradle to Cradle certifications.

### Appearance

Pale to very pale brown. Acetylation does not compromise the wood's natural beauty.

### Suitability

Accoya® wood resists the absorption of moisture, making it dimensionally stable year round. It's stability makes it perfect for windows, doors, bridges, cladding, construction and decking.

### Advantages

Won't bend, warp or expand. Very environmentally friendly, sustainably sourced and 100% recyclable. Windows and doors open effortlessly year round. UV resistant and non-toxic.

### Durability

Accoya® is the most durable wood possible. Perfect for outdoor use, also good for indoor use. Indigestible to insects and micro-organisms. Virtually rot-proof.

### Coating

Easy to coat, requires less preparation and sanding between coats.

**BAL** - Low

**Origin** - Europe

**Density** - 515



## BLACKBUTT | Eucalyptus Pilularis

Blackbutt is a native coastal species that dominates the eastern reaches of New South Wales.

Its name comes from the dark appearance of its trunk after bushfires, but the damage is usually cosmetic — Blackbutt is one of just seven timber species recognized as bushfire-resistant.

### Appearance

A straight, even texture and golden to pale brown colour. Sometimes a pinkish hue may be present. Heartwood: pale brown. Sapwood: very pale brown.

### Suitability

Blackbutt timber is an ideal choice for structural interior and exterior applications that makes it perfect for matching inside and outside. Used for windows, doors, cabinetry, decking, cladding, joinery, flooring, furniture and boating.

### Advantages

Extremely versatile and fire-resistant. It is dense, heavy, has little movement and machines well. It grows quickly making regeneration easy. It is strong and has a long service life.

### Durability

Highly durable and stands the test of time.

### Coating

Can be stained, painted or polished.

**BAL** - 29.0. Ideal for bushfire areas because of its fire resistance.

**Origin** - Australia

**Density** - 900



## ROSEWOOD | Pterocarpus Indicus

This rosewood species grows all over southeast Asia and the western Pacific islands. Also known as New Guinea Rosewood and Solomon Islands Rosewood.

### Appearance

Its timber ranges in colour from pale yellow to dark blood red and boasts attractive variable grains. Heartwood: golden brown to dark blood red. Sapwood: pale yellow.

It has a unique surface grain and texture often with swirls, burrs and fiddleback.

### Suitability

The burls of the rosewood tree (known as Amboyna wood) are highly prized for a variety of applications including windows, doors, cabinetry, joinery, cladding, boating, flooring, decking, furniture, guitars, and knife handles.

### Advantages

Famously attractive grains and textures. Sturdy, stable, dense and perfect for the Australian climate. Little natural movement. Easily worked with hand and machine tools. Extremely resistant to rot and water damage. It has low shrinkage.

### Durability

Highly durable. Resistant to pests such as termites.

### Coating

Can be stained, painted or polished.

**BAL** - 19.0

**Origin** - Asia Pacific

**Density** - 650





## SPOTTED GUM | Corymbia Maculata, Corymbia Citriodora, Eucalyptus Henryi

Several species of native Australian trees share the name spotted gum, but they all produce beautiful, naturally strong timber. Also known as Lemon Scented Gum.

### Appearance

Spotted gum is favoured by architects and designers for its wide range of colours and “fiddleback” texture. Heartwood: pale to very dark brown. Sapwood: very pale brown.

Often used for aesthetic purposes.

### Suitability

Spotted gum is used in engineering applications such as wharf and bridge construction. It is used in building applications such as posts, poles, framing, flooring, windows, doors, cabinetry, decking, cladding, joinery, furniture and boating.

### Advantages

Naturally strong and an excellent hardwood. Slightly greasy feel aids machining and boring. Somewhat dense making it resistant to scratches and knocks.

### Durability

This timber's extreme durability makes it an excellent choice for outdoor applications, also good for indoor. Termite resistant.

### Coating

Can be stained, painted or polished. Requires minimal staining as it is less prone to bleed-through of tannins.

**BAL** - 29.0. Highly bushfire resistant.

**Origin** - Australia

**Density** - 950



## WESTERN RED CEDAR | Thuja Plicata

Also known as Red American Cedar, this tree is native to the northwestern United States, but grows all over the world.

Woodworkers will recognize western red cedar by its pleasantly sweet aroma.

### Appearance

Despite its name, western red cedar timber is typically pale or dark brown in colour, with a straight grain and fine texture. Heartwood: pale to dark brown. Sapwood: yellowish white.

### Suitability

A softwood ideal for both internal and external applications. Used for windows, doors, cladding, decking, cabinetry, roofing shingles, blinds and joinery.

### Advantages

A versatile timber that is lightweight, yet water and weather resistant. Resists decay. Environmentally friendly, mostly sourced from the best sustainably managed forests worldwide and made entirely with renewable resources. Machines and glues well.

### Durability

This timber is naturally durable, suitable for indoor and outdoor applications. Less susceptible to insect damage.

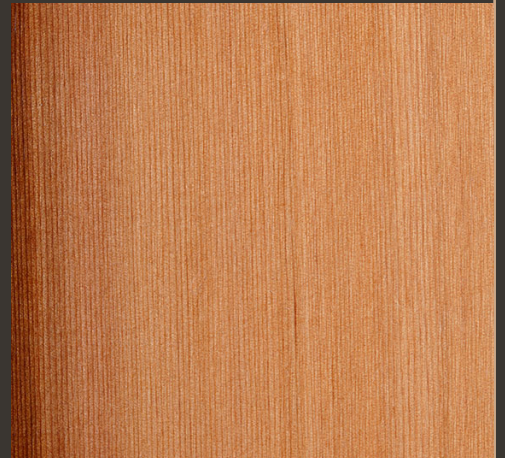
### Coating

Can be stained, painted or polished. Both pitch and resin-free therefore can hold a variety of finishes.

**BAL** - 12.5

**Origin** - North America

**Density** - 380



\*These wood samples apply to windows. May vary for other applications.

# NICCO is the ultimate resource for timber windows and doors

Visit our website for more information.

DISCOVER NICCO

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