

## **RADIAL TIMBER PRODUCT SPECIFICATIONS**

REV: Sep09 1.0

### **Screen Boards – Fine Sawn or Dressed**

#### **1.0 PRODUCT**

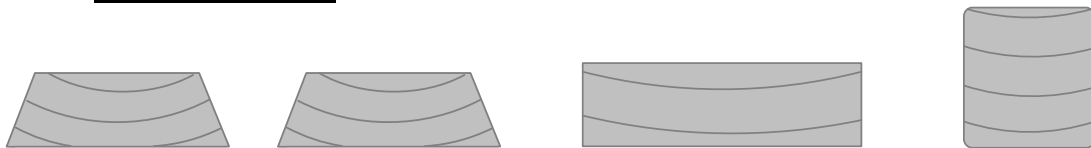
Radial Timber Screen Boards are produced from narrow sections of durable timber and provide a cost effective solution to household security, privacy or climate control. Screen Boards do not require chemical treatment and can be supplied in a wide range of fine sawn or dressed (DAR) boards. Both bevelled and square edge profiles are available in random or precision docked lengths (see Figures 1a & b).

#### **2.0 SPECIFICATIONS**

##### **2.1. Species:**

Radial Screen Boards are typically sawn from naturally durable regrowth hardwoods such as Silvertop Ash, Southern Mahogany or Yellow Stringybark (ie. Class 2 durability). Other species (inc. Class 1 durability) may also be available on request. Both Class 1 & 2 timbers are suitable for external use.

##### **2.2. Sections/Sketches:**



**Figure 1a**  
(Bevelled Screen Board in cross section)

**Figure 1b**  
(Square Screen Board in cross section)

##### **2.3. Profiles:**

Screen Boards can be supplied in both square and bevelled edge sections. Boards may be unseasoned with a tungsten sawn finish or seasoned and dressed (DAR) in the following sections:

- ◆ 50x23mm, 75x25mm & 75x50mm (bevelled/unseasoned/sawn finish)
- ◆ 55x19mm, 80x19mm, 55x40mm & 85x40mm (bevelled/seasoned/DAR)
- ◆ 45x19mm, 30x40mm & 40x40mm (square/seasoned/DAR)

##### **2.4. Lengths & Availability:**

Unseasoned (sawn) Screen Boards are produced to order and generally require 2 - 3 weeks lead time from confirmation of order. Only a limited range of seasoned (DAR) boards will be kept in stock so additional lead times may apply on some sections. All Screen Boards can be supplied in random length packs of between 1.8 to 5.4m, Set Length Packs which will need docking to actual length (a min 25% surcharge and additional lead times will be applicable) or precision docked to order in lengths ranging from 1.2 to 3.6m (a min. 35% surcharge and additional lead times will be applicable if precision docking is required).

## 3.0 FIXING & APPLICATIONS

### 3.1. Fixing Recommendations:

**Setting up:** Radially sawn Screen Boards can be fixed wide or narrow face out (NOTE: in most cases, they are fixed narrow face out). Depending on the thickness, Screen Boards can be fixed to rails or supports at centres of up to 1200mm but closer spacings will minimise movement or distortion (ie. 600 to 700mm max. centres would be advisable when fixing 19mm to 25mm thick timber).

**Installation:** The spacings allowed between seasoned DAR boards will depend on the desired look or function of the screen, however, a minimum spacing of 3 - 5mm should be allowed for swelling (NOTE: most privacy or sun screens are spaced at approx. 10mm). Unseasoned screen boards will shrink approximately 7% across their width so this should be considered when designing a screen.

**Fixings:** Boards can be hand nailed, gun nailed or screw fixed. Fixings should be at least 50mm long for 19mm to 25mm thick boards and at least 65mm long for 30mm to 50mm boards (NOTE: it is advisable to use twisted shank nails when fixing boards into treated pine). Bevelled edge profiles may be “secret nailed” by skewing fasteners through the sloping sides but face fixing will give the best results. Pre-drilling may be required when fixing seasoned boards.

**Seasoning & Storage:** Some surface checking may occur if timber is exposed to the weather but these non structural cracks are typical in most Australian hardwoods. It is also normal for hardwoods to leach red/brown extractives during heavy rain periods. Extractives tend to be less prominent in lighter species but it is advisable to cover or protect walls and paving until all extractives have leached (can vary depending on rainfall but will generally continue for up to 6 months). Packs should be stored up off the ground and under cover or protected with an additional tarp to prevent swelling. If wetting does occur, allow a min. of 24 hours for timber to dry before fixing.

### 3.2. Suggested Applications:

Radially sawn screen boards provide a unique alternative to imported rainforest and treated pine products and have been used in: feature walls, picket fences, balustrades, privacy screens, sun screens & pergolas.

For images of Screen Boards visit: [www.radialtimbers.com.au](http://www.radialtimbers.com.au)

## 4.0 FINISHING

All exposed, externally fixed decking will tend to fade to a silver grey colour if left uncoated. The degree of greying will vary depending on the amount of exposure to sun, wind and rain. The timber used in this above ground product has natural durability and when used in conjunction with good building practices, should generally not require additional treatment against decay.

Native timbers should be offered some weather protection while acclimatising to local conditions. Radial Timber recommends the application of an oil based sealer or decking finish on external timber (especially if being fixed during extreme weather conditions). There are a variety of treatments, stains and coatings available and most can be applied prior to or shortly after fixing. For more detailed information, please refer to Radial Timber “Finishing Recommendations” at: [www.radialtimbers.com.au](http://www.radialtimbers.com.au) or phone: 03 9768 2100.