

# Timber Species Information Sheet



## Mixed Hardwood

Eucalyptus delegatensis (Alpine Ash), e. obliqua (Messmate Stringybark), e. regnans (Mountain Ash), Eucalyptus grandis (Flooded Gum)

### DESCRIPTION

Mixed Hardwood is a combination of Eucalypt species which deliver reliable performance and structural integrity for decorative usage. This blend offers consistent density, stability, and workability, making it suitable for a wide range of building and joinery applications where strength and durability are essential.

### VISUAL FEATURES

Mixed Hardwood provides a warm natural appearance. Ideal for a range of interior applications, this mix combines the fine grain of Tasmanian Oak with the subtle pink hues of Eucalyptus grandis for a balanced, refined finish.

### COMMON APPLICATIONS

- Joinery
- Decorative mouldings
- Framing
- Interior panelling

### AVAILABILITY

Porta Mixed Hardwood is offered in a range of different profiles including DAR, door jamb, architrave and other decorative mouldings. Contact Customer Service for information and availability.

### TECHNICAL INFORMATION

Mixed Hardwood is a dense and resilient mix of hardwood eucalyptus species which holds nails and screws easily. The timber glues with common adhesives and stains well.

|                               |               |
|-------------------------------|---------------|
| Density kg/m <sup>3</sup> dry | 650 - 750     |
| Specific gravity              | 0.68          |
| Hardness (janka) kn           | 5.7           |
| Modulus of rupture mpa dry    | 110 - 119     |
| Modulus of elasticity gpa dry | 16 - 17       |
| Radial shrinkage %            | 4-6.6         |
| Tangential shrinkage %        | 7.2 - 13.3    |
| Durability in ground          | 0-5 years     |
| Durability above ground       | 7-15 years    |
| Susceptible to lyctid borer   | No            |
| Termite resistance            | Not Resistant |

|                                |                                      |
|--------------------------------|--------------------------------------|
| Spread of flame                | 8                                    |
| Smoke development rate         | <750                                 |
| BAL Rating                     | 12.5 and 19                          |
| Resistance to split (nailing)  | Good                                 |
| Resistance to split (screwing) | Good                                 |
| Gluing                         | Good                                 |
| Machining                      | Good                                 |
| Finish                         | Good                                 |
| Stability                      | Good                                 |
| Growing region                 | Tasmania and East Coast of Australia |



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