

Ash, Alpine & Mountain

Eucalyptus delegatensis
Eucalyptus regnans

DESCRIPTION

Alpine and Mountain Ash are both found in Victoria and Tasmania, with Alpine Ash extending into the sub-alpine regions of southern New South Wales and the ACT. They both rank amongst our tallest eucalypts, with Mountain Ash being one of the tallest trees in the world. In Tasmania the species are commonly mixed with other species such as Messmate and sold as 'Tasmanian Oak'. The 'oak' connection is due to the similarities in appearance with Oak. Both species have a rough bark on the lower portion of the trunk with a smooth whitish bark above which may vary to greenish grey in Mountain Ash. In southern Tasmania the whole trunk of Alpine Ash may be covered with the rough bark.

APPEARANCE

The heartwood of Alpine Ash is a pale pink to yellow brown in colour with the sapwood being similar in colour and not easily distinguishable. Both the heartwood and sapwood of Mountain Ash are pale brown in colour. Both species are quite fast growing and often show clearly distinguishable growth rings. The grain is generally straight with occasional waviness and gum vein is a common feature.

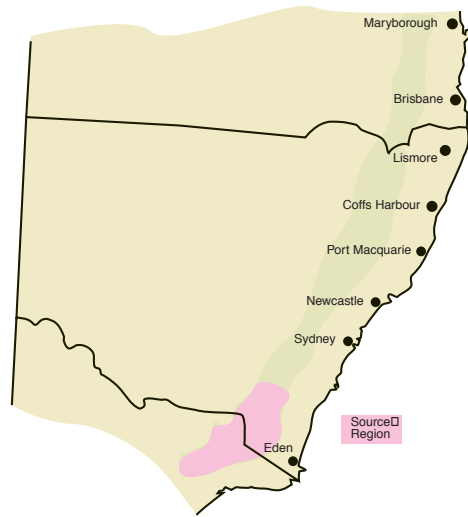


photo courtesy of: Timber Promotion Council

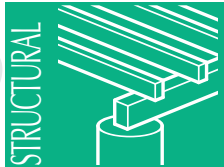




photo courtesy of: Timber Promotion Council



photo courtesy of: Timber Promotion Council



photo courtesy of: Timber Promotion Council

Ash, Alpine and Mountain

Eucalyptus delegatensis

Eucalyptus regnans

PROPERTIES

The heartwood is of only low durability (Class 4), limiting them to more internal or suitably protected applications. Their sapwood is generally resistant to lyctid borer attack. Both species work well and offer great versatility in its uses. Applications include general framing, flooring, and panelling, joinery and furniture.

PROPERTIES	E. delegatensis/E. regnans	
	Alpine Ash	Mountain Ash
Density (kg/m ³)		
GD	1050	1050
ADD	650	650
Hardness kN (Janka)		
Green	4	3.4
Dry	5.0	4.9
Durability Class	4	4
Strength Group	S4/SD4	S4/SD3
Joint Group	J3/JD3	J3/JD3
Shrinkage		
Radial % (approx.)	4.5	6.5
Tangential % (approx)	8.5	13.3
Structural Grades		
Unseasoned	F11/F14/F17	
Seasoned	F17/F22	
Toughness (Nm)		
Green	Medium	Medium
Dry	Medium	Medium
Early Fire Hazard Indices		
Ignitability	14	14
Spread of Flame	8	8
Smoke Development	3	3
Termite Resistant (to AS3660)	No	No
Lyctid Susceptible Sapwood	Yes	No



For additional assistance please contact the
Timber Advisory Service

1800 044 529

or visit the following websites:

www.timber.net.au

www.australianhardwood.net



**Timber Development
Association (NSW) Ltd**



Department of
Infrastructure, Planning and Natural Resources



Australian Government
Department of Agriculture,
Fisheries and Forestry

Sponsored by the NSW Native Timber Industry Marketing and Development Fund

