

## SUMMARY AS2796 AUSTRALIAN STANDARDS FOR HARDWOOD GRADING

Feature		Select Grade	Standard Grade (Medium Feature)
KNOTS	Tight Knots	Individual or aggregate width 15mm or 25% of the width of surface they appear on	Individual or aggregate width 40mm or 33% of the width of surface they appear on
	Loose Knots	Not Permitted	Not Permitted
Holes – Including Borer & Other holes		Max diam-2mm	Max diam – 3mm
		6 holes per 100mm x 100mm area	20 holes per 100mm x 100 mm area
		12 holes per 300mm x 300mm area	30 holes per 300mm x 300mm area
Tight Gum Veins	Quarter Sawn	Vein width-2mm. Individual length 250mm. Aggregate length 50%of the length of the piece	Vein width 5mm. Individual length Unlimited
	Back Sawn	Vein width 2mm. Individual length 250mm. Aggregate length 50% of the length of the piece	Vein width 60mm. Individual length 1 Metre. Depth 2mm
Loose Gum Veins		Not Permitted	Extending from one surface to another Not Permitted
			Intersecting an end – Not Permitted
			Width across feature 10mm
			Aggregate length 20% of the length of piece
Gum Pockets and overgrowth of injury		Not Permitted	Extending from one surface to another Not Permitted
			Individual length 50mm
			Depth if back sawn 2mm
Checks	Surface Checks	Width 1mm	Width 2mm
		Individual length 250mm	Individual length 250mm
	Knot Checks	Not Permitted	Width 2mm
Wane, Want, Mechanical Damage & Lyctus Susceptible Sapwood		Not Permitted	Not Permitted
Stains	Natural	Slight Only	Unlimited
	Other	Not Permitted	Not Permitted
Termite Galleries, Decay & Primary Rot		Not Permitted	Not Permitted
End Splits, Splits, Shakes and Fractures		Not Permitted	Not Permitted

*Beautiful, Renewable, Timber*

**Timber Advice and Display Centre**



Hours of Business

Monday to Friday 9.00am—5.00pm  
Saturday 9.00am—5.00pm  
Sunday Closed

**AS 2796.2 Sawn & Milled  
Hardwood Timber Products other  
than window frames & Furniture  
Components**

**A SERVICE PROVIDED BY THE**



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# AS 2796.2 SAWN AND MILLED HARDWOOD TIMBER PRODUCTS OTHER THAN WINDOW FRAMES AND FURNITURE COMPONENTS

NATURAL DEFECT	SELECT GRADE	STANDARD GRADE	HIGH FEATURE GRADE
	ALL SIX SURFACES OF EACH BOARD	ALL SIX SURFACES OF EACH BOARD	ALL SIX SURFACES OF EACH BOARD
ENCLOSED TERMITE GALLERIES	Not Allowed	Not Allowed	Not Allowed
SHAKES	Not Allowed	Not Allowed	Not Allowed
CROSS FRACTURES / SHAKES	Not Allowed	Not Allowed	Not Allowed
SPLITS	Not Allowed	Not Allowed	Not Allowed
END SPLITS	Not Allowed	Not Allowed	Not Allowed
DECAY	Not Allowed	Not Allowed	Not Allowed
LYCTID-SUSCEPTIBLE SAPWOOD	Not Allowed	Not Allowed	Not Allowed
	On Top or Visible Surface Only	On Top or Visible Surface Only	On Top or Visible Surface Only
LOOSE KNOTS	Not Allowed	Not Allowed	Max 10mm dia.
LOOSE GUM VEINS	Not Allowed	Max 3mm wide and 1/5 of board length	Max 3mm wide and 1/5 of board length
GUM POCKETS	Not Allowed	Max 10mm wide and 50 mm long	Max 15mm wide and 75mm long
OVERGROWTH OF INJURY	Not Allowed	No Rule Discerned	No Rule Discerned
KNOT CHECKS	Not Allowed	Max 2mm Wide	Max 3mm Wide
WANT AND WANE	Not Allowed	Not Allowed	Not Allowed
MECHANICAL DAMAGE	Not Allowed	Not Allowed	Not Allowed
NON-NATURAL STAINING	Not Allowed	Not Allowed	Not Allowed
STICKER MARKS	Not Allowed	Not Allowed	Not Allowed
TIGHT KNOTS	Max 15mm dia / 1/4 board width	Max 40 mm dia./ 1/3 board width	Max 50mm dia./ 3/8 board width
HOLES	Max 2mm dia / 6 per 100 x 100 mm	Max 3mm dia./ 20 per 100 x 100mm	Max 3mm dia. / 20 per 100 x 100mm
TIGHT GUM VEINS	Max 2mm wide and 250mm long	Max 5mm QS and 60mm BS and 1m long	Max 5mm QS/ unlimited S and unlimited length
EXTERNAL CHECKS	Max 1mm wide and 250 mm long	Max 2mm wide and 250mm long	Max 2mm wide and any length
NATURAL DISCOLOURATION	Slight Permitted	Permitted—No Limit	Permitted—No Limit
BLACK SPECK	Slight Permitted	Permitted	Permitted
SAPWOOD NOT SUSCEPTIBLE TO LYCTID	Permitted	Permitted	Permitted
BURLS	Permitted	Permitted	Permitted
HOBNAILS	Permitted	Permitted	Permitted
	On Other or Concealed Surface	On Other or Concealed Surface	On Other or Concealed Surface
Want, Wane and Mechanical Damage	Permitted but strictly limited	Permitted but strictly limited	Permitted but strictly limited
Staining— Natural and man made	Permitted	Permitted	Permitted

**Q.S Means Quarter Sawn boards with very straight Grain**

**B.S. Means Back Sawn boards with contoured grain**