

### Australian Radiata Pine Specification

	Grade Name	MP	K	A	Super A
<b>Log Length</b>	Actual length	3.9m and 5.9m	3.90m and 5.9m	3.90m and 5.9m	3.90m and 5.9m
	Cutting Tolerance	Plus/ minus 5cm			
<b>Small End Diameter</b>	Min SEDUB	12cm - 30cm	20cm - 30cm	30cm - 40cm	40cm plus
	Expected Average	16cm	26cm	34cm	44cm
<b>Quality Defects Allowance</b>	Roundness	Unrestricted	<1.2 times		
	Max Knots	Unrestricted	1/3 SED up to 10cm	1/3 SED up to 12cm	
	Spike Knots	Unrestricted	8cm Max one per delivery length		
	Excessive Knots	Unrestricted	Max 2 whorly knots in any one metre		
	Wobble	Max SED/6	Max SED/6		
	Surface Fluting	Unrestricted	Max 5cm depth at butt. Max 1.0m along length of log		
	Double Ends Fluting	Unrestricted	Max 6cm depth		
	Pith	4cm Max	Must lie within the central third		
	Nodal Swelling	4cm Max	6cm Max	8cm Max	
	Scars	Unrestricted	Max 5cm from log end		
	Side Tears	Not allowed	Not allowed		
	Scarf Face	Max 10cm from log end			
	Drawn and Pulled Wood	Max of 8cm from log end			
	Double Hearts	Allowed if green and clean with minimal bark inclusion			
Quality Defect Tolerance	Max 5% of delivery volume allowed below minimum quality defect allowance				
<b>Presentation</b>	Branch/limbs cut	Branches/Limbs must be cut flush with stem			
	End square	Ends to be cut square			
	Log butt-marked	Butt-marked on the large end with relevant coloured dot of paint.			
	Rot, insect, deadwood	No rot, insect infestation or deadwood			
	Age of logs	All logs will be produced from live green trees at time of harvest			

**Notes:** The above "Standard Conditions" may be amended from time to time in written notice.

**Dispute Rules:** Quality defects will be downgraded to next grade, i.e. defective A grade, downgraded to K grade