

### Brazilian Elliotis Pine Specification

Grade Name		Small	Large
Log Length	Actual Length	5.2m	5.9m
	Cutting Tolerance	plus/ minus 5cm	
Small End Diameter	Min SEDUB	18cm - 30cm	30cm plus
	Expected Average	24cm	34cm
Quality Defects Allowance	Roundness	<1.2 times	<1.2 times
	Max Knots	1/3 SED up to 10cm	1/3 SED up to 12cm
	Spike Knots	8cm Max one per delivery length	10cm Max one per delivery length
	Excessive Knots	Max 2 whorly knots in any 1 metre	Max 2 whorly knots in any 1 metre
	Wobble	Max SED/6	Max SED/6
	Surface Fluting	Unrestricted	Unrestricted
	Double Ends Fluting	Unrestricted	Unrestricted
	Pith	4cm Max	Must lie within the central third
	Nodal Swelling	6cm Max	8cm Max
	Scars	Unrestricted	Unrestricted
	Side Tears	Not allowed	Not allowed
	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 7% of delivery volume allowed below min quality defect allowance	
Presentation	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 Rule** Quality defects will be downgraded to next grade, i.e. defective Large grade, downgraded to small grade