





Porta Timbers

Species Comparison

	FJ Raw Pine	Primed FJ Pine	Clear Pine	Treated Pine
Botanical Name	Pinus Taeda	Pinus Taeda	Pinus Radiata	Pinus Radiata
Key Features	Knot-free paint grade pine. Comprising lengths of clear wood joined end to end utilising a micro-sized finger joint employing an interior grade adhesive whose strength and potential overall length is increased through the glue-bonds.	Pre-coated with a specially developed water-based primer in a matte white finish. Porta's Primed FJ mouldings are ready to paint with either acrylic or oil-based paints.	A knot-free product which is easier to work than knotty pine. It can be successfully stained, painted, waxed or colour-washed.	H3 rated, impregnated with copper fixed waterborne preservatives increasing longevity above ground against termite attack, rot, decay and weather for 30+ years.
Classification	Softwood	Softwood	Softwood	Softwood
Density	550 KG/M3	550 KG/M3	550 KG/M3	550 KG/M3
Durability In Ground	Class 4 < 5 years	Class 4 < 5 years	Class 4 < 5 years	Class 4 < 5 years
Durability Outside Above Ground	Class 4 < 7 years	Class 4 < 7 years	Class 4 < 7 years	ACQ Treated to H3 - 30 Years
Strength Group Seasoned SD1-8 (1 is strongest)	SD6	SD6	SD6	SD6
Applications	Indoor Suitable for wet areas	Indoor Suitable for wet areas	Indoor Suitable for wet areas	Outdoor Above Ground
Finish	Paint	Paint	Stain	Stain or Paint
Fixing	Easy	Easy	Easy	Easy
Certification				

Porta Timbers

Species Comparison



	General Purpose Pine	Tasmanian Oak	Meranti	White Wood
Botanical Name	Pinus Radiata	Eucalyptus, delegatensis (Alpine Ash), regnans (Mountain Ash) obliqua (Messmate Stringybark). The Tasmanian Oak profiles in the Porta range are Select Grade.	Shorea, Parashorea The term meranti is applied to a large number of species of Shorea, which is a dominant hardwood genus in Malaysia	Tilia Americana
Key Features	Based on AS4785.1 the pine has been graded to Standard & Better and has an allowance for knots and resin pockets.	A durable hardwood. The colour ranges from "straw" to a light reddish brown. Please note, natural variations in grain, colour and texture are considered a characteristic of the species and are not recognised as a defect.	A durable medium density hardwood. Due to many species being marketed under the name Meranti, there will be some colour variation.	Very light and soft, one of the 'softies' of hardwood Can be stained beautifully with a wide range of finish tones.
Classification	Softwood	Hardwood	Hardwood	Hardwood
Density	550 KG/M3	700 KG/M3	440-660 KG/M3	425 KG/M3
Durability In Ground	Class 4 < 5 years	Class 4 < 5 years	Class 4 < 5 years	
Durability Outside Above Ground	Class 4 7 years	Class 3 7-15 years	Class 3 7-15 years	
Strength Group Seasoned SD1-8 (1 is strongest)	SD6	SD3 & SD4	SD6	
Applications	Indoor Suitable for wet areas	Indoor Suitable for wet areas	Indoor Suitable for wet areas	Indoor
Finish	Stain or Paint	Stain or Paint	Stain or Paint There is a wide colour variation with this species due to the number of species included under the term Meranti.	Stain or Paint
Fixing	Easy	Moderate Pre Drill recommended to prevent splitting	Moderate	Easy
Certification				