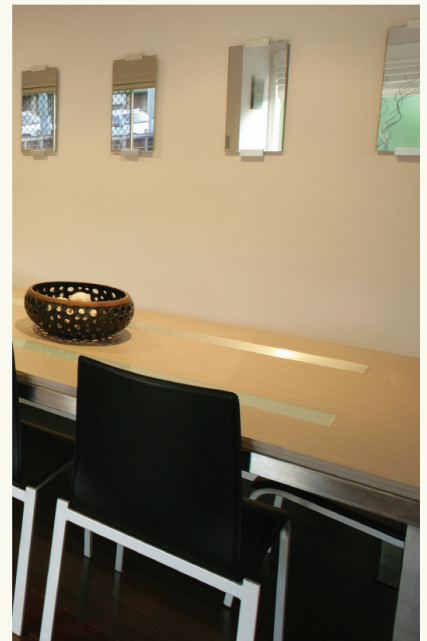




PACIFIC WALNUT | *Species*

The rich dark tones of walnut make it a prized timber when an extra level of class and elegance is desired. Associated with wealth and luxury the use of walnut can add true prestige and distinction to a project. Its wide colour palette which ranges from a deep, rich dark, almost chocolate brown to a purplish black exudes character and warmth. The grain of walnut is mostly straight and open, though some boards may have a grain pattern that is burlled or curly. In fact, the wood is especially valued for its wavy, curly, and mottled figures.



General Characteristic

Pacific walnut is a hard wood with open-grain and fine texture. In colour it is a dark, tawny brown for the heartwood, while the sapwood is very light, greyish white. When it is damaged the defect doesn't show up much because of the dark colour of the wood and its dense texture. In strength it is superior to English, Italian and French walnuts.



MECHANICAL VALUES

| Category | Green | Dry | Units |
|----------------------------|-------|-------|------------------------|
| Weight | 58 | 40 | lbs/cu.ft |
| Density (air-dry) | | 40 | lbs/cu.ft |
| Specific Gravity | 0.52 | 0.59 | |
| Hardness | | 2102 | lbs |
| Stiffness | 1480 | 1790 | 1000 psi |
| Bending Strength | 9100 | 14800 | psi |
| Shearing Strength | | 1370 | psi |
| Max. Crushing Strength | 4175 | 7680 | psi |
| Work to Maximum Load | 16 | 14 | in-lbs/in ³ |
| Radial Shrinkage (G->OD) | | 5 | % |
| Tangential Shrink. (G->OD) | | 8 | % |
| Volumetric Shrink (G->OD) | | 14 | % |

PRODUCT SPECIFICATION

| | |
|---------------------------|---|
| Species | Pacific Walnut |
| Dimensions | 90mm x 14mm x 1800 (RL) |
| Lamella Veneer | 4mm Quarter sawn |
| Construction | Single Strip Cross-Laminated Hardwood Ply |
| Finish | 9 coats of Klumpp Aluminium Oxide Anti Scratch Build Up With Hardener |
| Luster | Satin Finish 65% - 35% |
| Edges | Square Edge |
| Installation | Dual Installation Direct Stick or Tongue and Groove Glued |
| Moisture Content | 10-12% |
| External Expansion | Allow an expansion joint to perimeter 10-15mm from the wall and all internal joinery. Expansion joint to be caulked and/or covered with timber skirting or Harmony Hardwood Scotia. |
| Internal Expansion | Allow an expansion joint of 10mm for every 6 metres of flooring. Expansion joint caulked and/or covered with Harmony Hardwood T-mould or Harmony Aluminium T-mould. |

| Code | Product | Dimensions |
|---------|---|-----------------------------------|
| INT-005 | Harmony Pacific Walnut | 4mm (V) 90mm x 14mm x 1800mm (RL) |
| AW-001 | Harmony Hardwood Stained Scotia - AW | 15mm x 2400mm |
| AW-002 | Harmony Hardwood Stained T-Mould - AW | 20mm x 2400mm |
| AW-003 | Harmony Hardwood Stained Stairnose - AW | 20mm x 2400mm |
| AW-004 | Harmony Hardwood Stained Reducer - AW | 40mm x 15mm x 2400mm |
| AW-005 | Harmony Hardwood Stained Skirting - AW | 65mm x 12mm x RL |

Scientific Name:

Acacia Mangium

Other Names and Species:

Asian Walnut, Burmese Walnut, Asian Ironwood

Origin:

Burma

Properties:

This is one of the most prized of Asian hardwoods. The wood is heavy, hard, and stiff and has excellent dimensional stability. It is moderately dense, but very strong, with good shock resistance. Walnut is one of the most durable of the domestic commercial woods, even under conditions favourable to decay.

Janka Hardness: 2110

Asian Walnut has a ranking of 2110

Workability:

The machining qualities of walnut are excellent, but it is also easily worked with hand tools. This wood has a distinctive sweet aroma when worked. It is fairly resistant to splitting and has good holding ability. It sands and finishes beautifully and holds both paint and stain exceptionally well.

Principal Uses:

Frequently used as a highlight material for borders and other inlay techniques, this familiar domestic wood has many commercial applications. It is typically found in wood flooring, veneer, paneling, fixtures, furniture, cabinets, and novelty items. In addition, it is superior to all other woods for gunstocks because of the way it keeps its shape



9 coat
lacquer
system



eco-select
sustainably
harvested



cross
laminated ply
construction



easy care



sawn
hardwood
lamella



lifetime
structural
warranty



25
year
surface
warranty