

# Akwa

## Specification sheet



<b><u>Other Name(s):</u></b>	Taun, Malugay
<b><u>Scientific Name:</u></b>	Pometia pinnata
<b><u>Distribution:</u></b>	Solomon Islands
<b><u>Average Dried Weight:</u></b>	705 kg/M3
<b><u>Durability:</u></b>	Moderate Durability
<b><u>Janka Hardness:</u></b>	( 5.5 kN )
<b><u>Modulus of Rupture/Bending Strength</u></b>	( 113 MPa)
<b><u>Modulus of Elasticity/ stiffness:</u></b>	(13.5 GPa)
<b><u>Strength:</u></b>	SD4

### Akwa, Taun

#### Seasoning:

- Surface checking of backsawn material may occur. Some twist may occur, but can be reduced by final steaming treatments although this may accentuate checking.

#### Characteristics:

- The sapwood is approximately 2 inches wide, a pale brown colour with an orange tinge.
- The heartwood is moderately hard and heavy, usually pinkish in colour, occasionally red and streaky, but turning brown with age.
- It is lustrous but lacks a distinct figure and the texture is intermediate and uneven.
- The grain is normally straight and fissile, or slightly interlocked, but severe spiral grain can occur.
- In hardness the timber is comparable with European Oak.

#### Working Qualities:

- Not usually difficult to saw or machine.
- Some radial surfaces may be slightly roughened by interlocked grain.
- There is no difficulty in gluing, nailing, varnishing or painting seasoned timber, but for a good painted finish a filler is desirable.

#### Uses:

- Furniture making and musical instruments.

#### Product Limitations

- Sapwood subject to Lyctus attack.