

Teak (Burmese FEQ)

Specification sheet



TEAK

Other Name(s):

Scientific Name:

Tectona grandis

Distribution:

Burma, Thailand, India

Average Dried Weight:

660 kg/M3

Durability:

Very Durable

Janka Hardness:

4.7 (kN)

Modulus of Rupture/Bending Strength

(106 MPa)

Modulus of Elasticity/ stiffness:

(10 GPa)

Strength:

6.5 (on scale 1-10)

Seasoning:

- Dries slowly but well.

Characteristics:

- The heartwood is dark golden-yellow darkening with exposure to brown or dark brown.
- No clear distinction between heartwood sapwood.
- Sometimes figured with dark markings.
- Can have a greenish tinge when freshly cut.
- The timber is dull with an oily feel and has a unique scent when freshly cut.
- The grain varies from straight to wavy depending on origin.
- The best teak comes from Burma being generally straight grained and uniformly golden.
- The texture is coarse and uneven.

Working Qualities:

- Although working qualities can be variable, the timber generally works with moderate ease.
- It can have a dulling effect on cutters but the timber is capable of a good finish.
- It turns well and can be glued, stained and polished.

Uses:

- Boatbuilding, joinery, furniture and decking.

Product Attributes:

- Very handsome timber.
- Very durable and strong.
- Very stable.
- Veneers available in crown and quarter cut.

Product Limitations:

- Very expensive, especially in long lengths.
- Sustainability questionable.
- Restricted availability.