

American Hard Maple

Botanical Name: Acer Saccharum
Other Names: Hard or Rock Maple
Origin: North America

General

Seasoning: Dries well with little degrade.

Working Qualities: Rather difficult to work. Reduction of cutting angle to 20° assists the finishing operation. It can be stained, polished and glued satisfactorily but it is hard to nail or screw.

Uses: Flooring, high-class joinery, boat interiors, musical instruments and sporting goods.

Price (I-10): 5

Availability

Availability: Available ex-stock in Random Widths in 25, 40 and 50mm thicknesses.

Stocked: Yes

Grade Description: Superior

Primary Suppliers: Cole Hardwoods, Baillie Lumber

Basic Info

Durability In Ground: Perishable/Non Durable

Durability Above Ground: Perishable/Non Durable

Density Air Dry: 740 kg/m³

Shrinkage Radial: 3 %

Shrinkage Tangential: 5 %

Stability Kiln Dry: Stable

Stability Green: Prone to shrinkage and distortion

Mechanical Properties

Janka Hardness: 7.3 kN

Modulus of Rupture: 115 MPa

Modulus of Elasticity: 14 GPa

Max Crush Strength: 56 MPa

Strength Group unseasoned: S4

Strength Group Seasoned: SD4

Fire

ASTM Flame Spread: 104
