



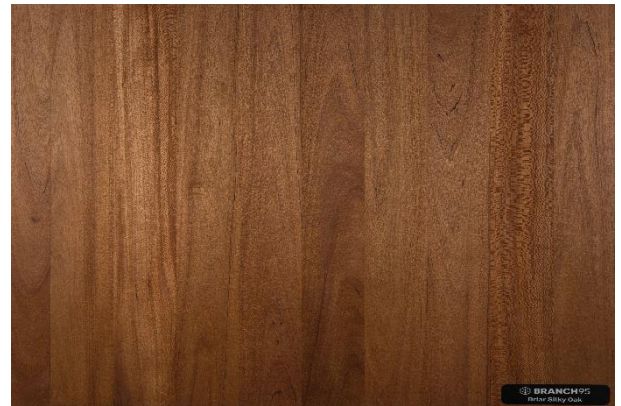
# Briar Silky Oak

SCIENTIFIC: *Musgravea heterophylla*

Briar Oak is a golden brown/bronze colour and displays tight medullary rays when quarter sawn. It is similar to Northern Silky Oak in appearance but has a deeper bronze colour with distinct highlights and grain specific to Briar Oak. Briar Oak works well with both machine tools and hand tools.

This a premium product ideal for solid timber furniture market and high-end interiors market such as Flooring, Panelling, Cladding, Joinery, Veneer, Wood Turning, Laminating and Musical Instruments.

*Musgravea heterophylla*, commonly known as the Briar Oak, is a species of rainforest tree of the family Proteaceae from North-Eastern Queensland. It was described in 1969 by Lindsay Stewart Smith, having been collected near Kuranda. More recently Briar Oak has been sourced and cut in Far North Queensland at Bloomfield with a steady supply. Available in select grade to ensure consistency of finish and high end detail.



## HARDNESS

Firm (rated 3 on a 6 class scale) in relation to indentation and ease of working with hand tools. (4.5Janka)

## MACHINING

Machines and turns well to a smooth surface.

## FIXING

No difficulty has been experienced with the use of standard fittings and fastenings.

## GLUING

Can be satisfactorily bonded using standard procedures.

## FINISHING

Will readily accept stain, polish and paint.

## DECORATIVE

High class furniture and cabinetry, plywood, shop and office fixtures, joinery, turnery, carving, inlay work, picture frames.

## OTHER USES

Ideal for Flooring, Panelling, Cladding, Furniture Building, Joinery, Veneer, Wood Turning, Boat Building, Laminating and Musical Instruments

DENSITY (kg/m <sup>3</sup> dry)	675
MODULUS OF RUPTURE (MPa dry)	77
MODULUS OF ELASTICITY (GPa dry)	10
RADIAL SHRINKAGE%	0.15
TANGENTIAL SHRINKAGE%	0.25
HARDNESS (Janka)(kN)	4.5, S5, SD 6
STABILITY	GOOD
NATURAL DURABILITY. IN/ABOVE GROUND	3/4
SAPWOOD LYCTIDSUSCEPTIBLE	NO
MACHINING	GOOD
RESISTANCE TO SPLIT IN NAILING	GREAT
RESISTANCE TO SPLIT IN SCREWING	GREAT
GLUING	GREAT
GROWING REGION	QLD

