

# TASSIE THICK VENEER

## AN INGENIOUS NEW TIMBER BUILDING PRODUCT FROM TASMANIA

The best ideas are always the simplest – and this new product is no exception. It promises to revolutionise aspects of the building and construction industry.

**Tassie Thick Veneer** is an eco-friendly THICK veneer of solid timber which, when fixed to a substrate of fire retardant, high insulation polystyrene, will innovate building construction in Australia. Its strength is incredible. So too is its thermal and acoustic capacity.

**Tassie Thick Veneer** can be between 3 - 4mm thick and produced from any Tasmanian renewable timber. And because it's a thick veneer, it retains the depth and aesthetic qualities of real wood, unlike traditional, wafer-thin veneers. That also makes it easy to maintain and repair by simply sanding back and resurfacing - time and time again!

**Tassie Thick Veneer** is ideal for a wide range of building industry applications from wall dividers and ceiling panels to flooring.

### FEATURES

Aesthetic, high quality appearance

Light-weight and easy to handle

Durable and sturdy for long lasting application

High compression strength

Long-term retained R-values

Australian made, including its fire retardant substrate

Environmentally friendly (renewable timber and HCFC-free substrate)

KPA rated to suit a wide range of building applications

### Polystyrene Substrate – Physical Properties

The following chart sets out the physical properties of the polystyrene substrate.

Of course, the combination of the **Tassie Thick Veneer** and the substrate significantly enhances all the listed specifications for the substrate itself.

Min. compression strength at 10% deformation measured parallel to rise	240 - 350 kPa
Cross breaking strength, min.	375 kPa
Rate of vapour transmission, max. measured parallel to rise at 23°C, dry conditions	100 Ug/m2s
Max. dimensional stability of length, width and thickness; 7 days at 70°C, dry conditions	1.0%
Flame propagation characteristics <ul style="list-style-type: none"><li>• median flame duration max.</li><li>• eighth value, max.</li><li>• median volume retained</li><li>• eighth value, min.</li></ul>	1.5 S 2.5 S 70 S 60 S
Min. thermal resistance (50mm sample): at a mean temperature of 25°C	1.74 m2k/W
Water absorption, max.	1.7 % vol/vol

**Nominal Density (kg/m3)**  
35 - 40

#### Thermal Resistance (m2k/W)

- Thickness 30mm: 1.04R
- Thickness 50mm: 1.74R
- Thickness 75mm: 2.61R



TAS OAK

BLACK HEART  
SASSAFRAS

MYRTLE

HUON PINE

BLACKWOOD

CELERY TOP PINE