

## Sustainable Timber Louvre System

Horiso Timber Louvre Systems' louvres are manufactured from technically modified timber originating from sustainable forests and provide remarkable longevity, strength and other outstanding properties.

The Timber Louvre System is based on a series of rack arms on which are fitted timber louvres. The louvres tilt to provide privacy, shade and protection from weather conditions when required.

The systems are non-retractable and the external versions are also ideal solar control for pergolas and outdoor rooms.

A range of louvre profiles is available. Closed louvres result in the following appearances: flush, tongue and groove and weatherboard.

Timber Louvre Systems can be operated with Horiso Climate Ready® Control System networked with Building Management Control Systems and integrated with audio visual, air conditioning, security and lighting systems. Heat and glare is minimized, daylight use is maximized and energy consumption and costs reduced.

### Features and benefits

- ▶ System operation - louvres tilt via crank handle or motorisation.
- ▶ Systems can be installed externally or internally.
- ▶ Installation into facades can provide seamless integration.
- ▶ System louvres can be fixed at a specified angle.
- ▶ Systems are suitable for installation on angular and shaped glazing areas.
- ▶ Range of timber profiles provides facade design flexibility.
- ▶ Range of finishes and coatings.
- ▶ Timber is dimensionally stable - system will operate year round effortlessly.\*
- ▶ Timber is reusable and recyclable.
- ▶ Timber is indigestible to a large range of insects including termites.
- ▶ Timber is resistant to salt damage.
- ▶ Timber is UV degradation resistant when coated.

\* Tolerances apply under extreme weather conditions

\*\* Timber should not be emersed in salt water.



### Pre-treatment

Timber is modified using an acetylation process throughout its cross section. The result is a durable, non-toxic timber with less than 8% moisture content.

### Coatings

Stabilises wood against climatic changes and enhances timber grain.

- ▶ 5 highly translucent colours:
  - Light Oak, Pine, Dark Oak, Walnut and Teak.

### Optional finishes

- ▶ Oil - Tung, Linseed or Walnut.
- ▶ Wood wash - Plain white, Paper, Hermitage, Heath, Shore and Silver Birch with clear top coat.

### Ratings

- ▶ Australian Forestry Standard (AFS) certified.
- ▶ ISO 14025 compliance.
- ▶ Cradle to Cradle Gold - International rating.

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