Platinum “R” Floor

Australian owned & manafactured all-in-one insulated & acoustic flooring solution.

Installed by any builder, plus no third parties required equals no installation delays.

Experience the same firmness of concrete under your feet, whilst maintaining the warmth of sustainable timber.

www.platinumtimber.com.au

AUSTRALIAN MADE



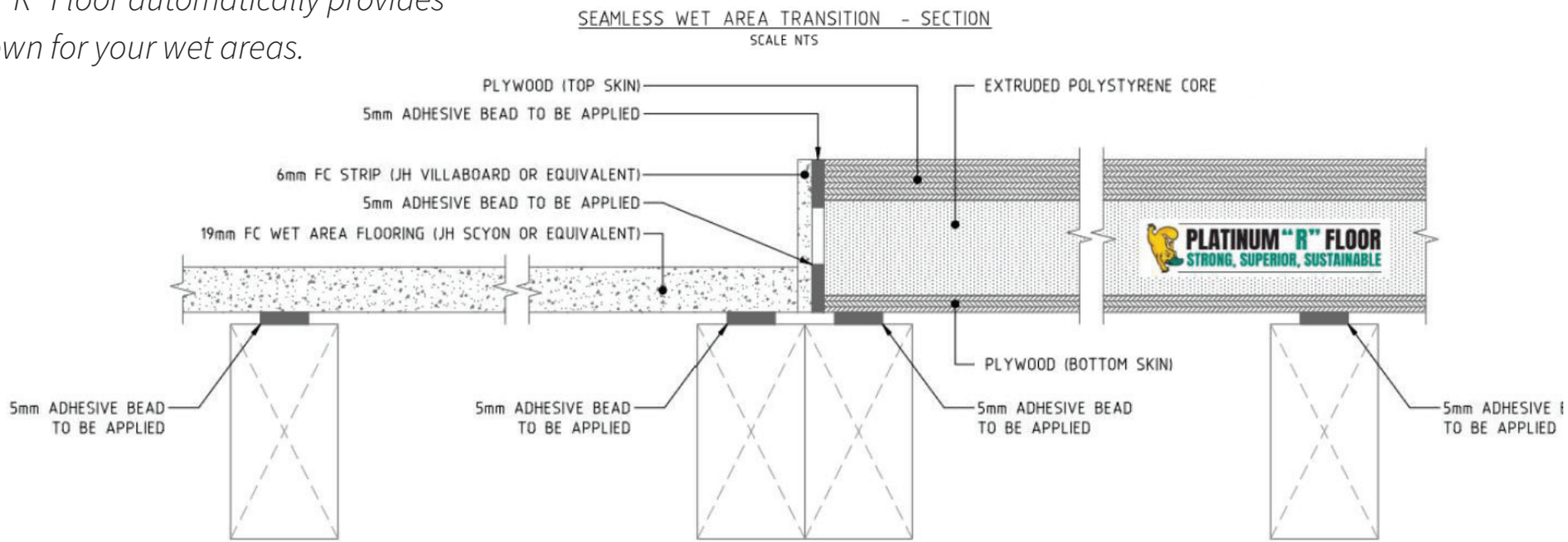


Key Features

- Cost effective and easy to install
- Sustainably manufactured & 100% recyclable at end of use
- Customisable to fit any project
- Thermal & acoustic properties, eliminates the need for additional thermal breaks
- Superior strength and durability
- Termite treatment options available
- Effortless wet area set downs
- Structural flooring and underfloor insulation in one simple process

No need to drop your joist heights.

Platinum “R” Floor automatically provides the set down for your wet areas.



About

Platinum “R” Floor is an all-in-one insulated flooring solution, 100% Australian owned, manufactured, and designed for performance in the harsh Australian environment.

Developed through extensive consultation with industry experts and customers, Platinum Timber & Ply presents Platinum “R” Floor – an innovative Structural Insulated Panel System (SIPS) that delivers strength, thermal efficiency, sustainability, and superior acoustic values. Proudly Australian-made and Responsible Wood Certified, it offers a high-quality, environmentally responsible solution.

More than just a product, Platinum “R” Floor exceeds Australian Standard load requirements by up to four times - while offering excellent thermal insulation, simple installation, and long-term cost and time savings.

Choose Platinum “R” Floor to invest in a greener, more efficient, and high-performance future for construction.

Specifications

Top: Australian Produced Structural Plywood

Bottom: Australian Produced Structural Plywood

Core: Australian Manufactured Foam Core

Standard sizes available:

2400x1200x54mm
2400x1200x64mm
2400x1200x84mm
2400x1180x99mm

Sustainability

Platinum “R” Floor is a plywood and foam subfloor system made from sustainably grown radiata pine, a tree species commonly found in Australia. These plantation-grown trees are carefully managed to ensure long-term resource sustainability with minimal environmental impact.

This responsible approach to forestry supports ecological balance, making Platinum “R” Floor an eco-friendly choice for builders committed to sustainable practices. Additionally, the panels are 100% recyclable at the end of their use, reinforcing their environmental credentials.

R Values

Platinum “R” Floor’s thermal performance is outstanding.

R-values measure thermal resistance—how well a material resists heat flow. Higher R-values mean better insulation, reducing energy consumption by minimising heat loss or gain through walls, roofs, and floors.

The Platinum “R” Floor structural insulated panel system enhances home insulation, leading to lower energy bills, increased comfort, and a reduced environmental footprint.

Panel Thickness	Panel Weight (kg)	**Panel “R” Value**
54mm	40.9	**1.2**
64mm	41.9	**1.5**
84mm	43.9	**2.0**
99mm	45.3	**2.5**

Acoustic Properties

One of the standout advantages of Platinum “R” Floor is its exceptional acoustic performance. The higher the level of noise reduction, the more enjoyable your time will be in your new home.

Platinum “R” Floor also achieves considerable noise reduction between floors. Sure, you might still have the kids running up and down the hall upstairs, but the sound will be far less disruptive and no longer resemble a herd of elephants.

Source / Receiver	Test Floor Composition	Bedroom dB(A)	Garage dB(A)	Floor Noise Reduction db(A)
Bedroom / Garage	Platinum "R" Floor (17mm T&G Ply fixed to 40mm Polystyrene fixed to 7mm Ply) over 300mm high floor joists with 10mm standard plasterboard without insulation in the cavity.	75	40	**35 dBA**
Bedroom / Garage	**Carpet over** Platinum "R" Floor (17mm T&G Ply fixed to 40mm Polystyrene fixed to 7mm Ply) over 300mm high floor joists with 10mm standard plasterboard without insulation in the cavity.	75	39	**36 dBA**
Bedroom / Garage	**Carpet over** Platinum "R" Floor (17mm T&G Ply fixed to 40mm Polystyrene fixed to 7mm Ply) over 300mm high floor joists with 10mm standard plasterboard **and with R3 Earthwool insulation in the cavity.**	75	35	**40 dBA**
Bedroom / Garage	**Carpet over** Platinum "R" Floor (17mm T&G Ply fixed to 40mm Polystyrene fixed to 7mm Ply) over 300mm high floor joists **with 2 layers of 13mm sound rated plasterboard on resilient mounts and with R3 Earthwool insulation in the cavity.**	75	20	**55 dBA**

 © Alpha Acoustics Pty Ltd

07 3803 7488

sales@platinumtimber.com.au

www.platinumtimber.com.au

5 Aliciajay Circuit, Luscombe, QLD 4207





"It ticks all the boxes: Australian-made, technically smart, and backed by a team that supports our business."

– Tim, Kai Konstruct

AUSTRALIAN MADE

PTP
Australian Owned & Operated