



## Spartan Plywood Underlay

### Lifetime Warranty: (when installed in compliance with Australian Standards)

- ▶ Veneer is peeled from timber free of bark, insect activity and fungal decay
- ▶ 5 ply solid construction making a total of 5.2mm thickness
- ▶ Easy to transport 1100mm x 1100mm sheet size
- ▶ No defects or knots on the surface
- ▶ Scores and snaps with a knife
- ▶ Dimensionally stable with no tendency to distort or crack
- ▶ Nail pattern to facilitate quick & easy installation
- ▶ Remains smooth & undamaged when stapled
- ▶ Will not yellow
- ▶ Will not delaminate
- ▶ Accepted & installed across the USA & UK
- ▶ Exterior grade bonding adhesive used in construction
- ▶ Dried to a final average moisture content of between 10 & 14%
- ▶ Top and bottom surfaces sanded to provide a flat and smooth finish



### Preparation:

It is essential to have good ventilation under floors to prevent decay, distortion and excessive movement of the sub floor. For best results lay out the Spartan Plywood Underlay in the room environment in which it will be installed for between 24 to 48 hours to acclimatise.

### Installation:

- ▶ Install the panels with the nail pattern side visible.
- ▶ Start on a straight wall leaving a 3mm expansion gap around all the perimeter walls.
- ▶ Lightly butt all panels and leave a 0.4mm expansion gap between the panels.
- ▶ Stagger panels in a brick pattern so that four corners do not meet and offset underlay joints by at least 40cm.
- ▶ Fasten panels to structurally sound, smooth clean and dry sub floor with coated staples or non-staining galvanised head ring grooved buttress type underlay nails.

### Cutting:

Spartan Plywood Underlay can be cut using any of the following tools;

- ▶ Circular Saw (fine tooth)
- ▶ Jig saw (fine tooth blade or timber blade)
- ▶ Utility knife (blade to suit)

### Advantages:

- ▶ The majority of the plywood underlay comes from poplar which is a rotated 7 year crop in China.
- ▶ Significantly less chemicals and water are used in the manufacture of ply underlay when compared to hardboard. This means that there are no environmental issues with the disposal of the chemically contaminated waste water.
- ▶ Plywood underlay retains the inherent strength of the timber from which it is made.
- ▶ Plywood underlay has significantly less reaction to moisture and water than hardboard.
- ▶ Plywood underlay will have far greater holding strength of nails and staples than hardboard. Furthermore when stapled the surface of the plywood remains smooth and undamaged unlike hardboard which is easily dented and requires further work to create a smooth finish.