

Pine decking

Overview

We mould our pine decking in 22x105mm and 32x105mm sizes from carefully selected kiln dried South African Pine.

It is then treated to SABS specifications in our treatment plant.

With proper care it is very durable and good for use as exterior decking.

Pre installation

Ensure joists are spaced at a maximum of 450mm centre to centre for 22mm decking and 600mm for 32mm decking. If joists are SA Pine, ensure they are SABS S5 Graded and that the treatment is minimum CCA H3 level.

Joist spans must comply with SANS 10082 safe span tables to ensure a solid deck. 50mm wide joists for good support and secure screwing are recommended.

We recommend that joists are oiled with Waksol (heavy wood oil) prior to decking installation. We recommend that the underside of the decking is pre-oiled with Galseal.

Installation and fastening

Ensure boards are dry – our treatment is a water-based preservative and some residual moisture may be left in the timber. Allow to air dry and acclimatize for a few days on site to ensure predrilling and cutting is neat and does not feather.

Space boards at 4mm or less (use our deck spacers). Ensure screw lines are straight. Cut deck boards square. Use a stagger pattern when using multiple lengths. Use double joists at joints. We stock specialized Stainless-Steel decking screws with a torx-drive head. A specialized countersinking and predrilling tool must be used. A 60mm screw length is recommended.

Use a dedicated electric/battery screwdriver with a medium torque setting to ensure screws are not over tightened. Ensure screws stop level with decking surface and do not form pockets.

Galvanized steel pozi drive screws are NOT recommended due to their relatively short life span.

Hidden decking clips MUST NOT BE USED.

Finishing

After installation, Somerset Timbers Galseal must be applied to feed oil back into the timber paying attention at board ends. Various colours are available. This can be reapplied as necessary – a 2nd coat probably after 6 months and then yearly after a clean.

The use of surface sealers and varnishes is not recommended as this causes the timber to heat up excessively in hot conditions and does not allow the timber to breathe. If no oil is applied, Balau will fade to a light grey colour. Due to the density fine hair cracks are a characteristic of the timber as it dries over time. In very dry or UV exposed areas there is a risk of roughness and flaking.

Following correct installation and periodic maintenance, Pine decking should provide a very long lasting, beautiful surface.

Technical data

Dimension	22x105mm, 32x105mm
Colour	Greenish/Brown
Profile	
Lengths available	0.9m to 3.0m in 300mm increments, 3.6m, 4.2m, 4.8m
Span	22mm: Max 450mm 32mm: Max 600mm
Density	450 to 600kg per m ³
Fastening	S/S decking screws 60mm <small>(Clip systems must not be used)</small>
Origin	South Africa
Hardness	870 on Janka scale
Species name	Pinus Radiata and other
Moisture content	Kiln dried before treatment
Certification	Partly FSC
Finishing	Galseal