



SICARO

Sicaro[™] Decking Installation Guide

About Sicaro™ Wood

Sicaro™ is a high performance wood produced from sustainably sourced, fast-growing softwood that is fortified using a non-toxic waterborne formulation. This process results in a durable, stable, and aesthetically pleasing material with performance comparable to the most durable tropical and premium hardwoods with industry-leading environmental credentials. Sicaro™ offers a minimum 55-year above-ground lifespan.

Benefits



Locked in
Performance



Recyclable



Non Toxic
Recyclable



Durability



Fire Standard



Guarantee



Surface Profiling

Sicaro™ decking is always to be installed smooth face up.

Sicaro™ decking when tested to ASTM E303 - 22
Recorded a BPN of 46 and is classed as – Low Slip Potential



Subframe Requirements

When installing Sicaro™ decking you need to construct a suitable subframe structure. There are a number of options available from metal to pressure treated timber. Always consult with a licenced engineer if you have any doubt of loading or spans and refer to the manufacturers guides and local building codes before starting your build.

Install Sicaro™ on a well ventilated subframe with continuous airflow beneath the boards. Ensure the subframe is strong, rigid, and sloped (2-5%). Use timber of durability class 1.

Avoid direct contact between Sicaro™ and concrete or soil without a moisture barrier.

Sicaro™ 21mm thick boards can be installed on joists with 16" centres for domestic use, for commercial applications consult a licenced engineer.



Cutting Sicaro™ decking

It is recommend that Sicaro™ deck boards are cut using a conventional chop saw with a tungsten carbide blade with 60 or more teeth. Any burrs can be sanded smooth using 150 grit paper. For comfort and appearance neatly cut and chamfer or bevel all ends and edges.

All cut ends should be protected with a good quality wax or end seal products – always apply following the manufacturers instructions.



Storage

Sicaro™ decking should be stored in a dry place out of the elements prior to installation.



Spacing and Gaps

Between decking boards: 6mm

Against buildings: 5 mm

Skirting boards and board ends: 5mm Allow for some swelling after installation.

****Tip:**** For high-traffic areas, increase spacing gaps to simplify cleaning.



Fastening

Sicaro™ can be used with stainless steel, acid-proof steel, enamelled or coated fittings, and aluminium without causing discoloration.

We recommend using use A2 or A4 stainless steel fastenings to prevent staining and increase the longevity of the installation.

There are numerous fixing systems available and always follow the manufacturers instructions – when face fixing Sicaro™ deck boards always pace the fixing 15 mm from the edge of the board and we recommend pre-drilling to prevent any edge splitting.



Finishing

We recommend the decking is protected using a quality decking oil suitable for the region the deck is installed and applied to all faces, sides and sealed ends.

Your Sicaro™ deck colour will mature over time but regular application of quality deck oils in accordance with the manufacturers instructions will protect the deck surface and color – refer to Sicaro™ Maintenance Guide for more information.

