SICARO

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. Sicaro is suitable for Class 3 applications. When used outdoors there should be at least 6-8 inches or more above soil level to allow proper ventilation, prevent splash-back of dirt and rain, and avoid trapped moisture to ensure 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 13/16'' 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 150grit 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: 15/64 inch

Against buildings: 19/32 inch

Skirting boards and board ends: 13/64 inch 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 19/32 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.