

Gripsure Bamboo

TECHNICAL SPECIFICATION



Slip resistance

Gripsure Bamboo decking is available with or without non-slip inserts. With two inserts, the deck boards will achieve an average PTV value of 79 for a smooth finish and 83 for a grooved finish (pendulum test value). Gripsure non-slip decking has been independently tested using the pendulum test (the operation and calibration of which are described in BS7976:2002 parts 1 and 3) operated to the United Kingdom Slip Resistance Group (UKSRG) and comes with a 15-year performance warranty.

Aggregate inserts

Gripsure Bamboo decking uses a 0.5mm - 1.4mm double washed and screened Guyanan Calcined Bauxite – grey colour with a minimum PSV (polished stone value) of 70. Gripsure Bamboo is also available with Black Silicon Carbide, which is a synthetic mineral graded to 0.7mm and has a Mohs hardness value of 9.5.

Timber board

Gripsure Bamboo decking boards are manufactured using a patented heat treatment process reaching 200 degrees to give a strong, stable, and durable product. Bamboo is classified within BE EN 350-2 as Class 1 - Very durable and has an expected service life of 35+ years.

Bamboo naturally achieves a Euroclass B fire rating against BS EN 13501 - Reaction to Fire Performance of Construction Products without any external treatment. As Bamboo is a grass, and not a timber, chain of custody certification isn't essential, however the product can be supplied with FSC® certification on request.

Board dimensions are 20mm x 137mm, 1840mm lengths, with Tongue and Groove system to achieve seamless installations at any length.

Gripsure Bamboo is available in dark brown or light brown, as well as smooth or ribbed profile.

Maintenance

Gripsure Bamboo is a low maintenance product with no further preservative treatment necessary. The timber-finish will naturally weather and fade over time to a lighter sun bleached silvery grey finish.

Gripsure Bamboo can be stained, painted, or oiled. Decking oil will help to retain the natural colouring of bamboo.

Gripsure Bamboo is pressure washable – it is recommended to remove dirt and mould build up across the surface of the board and inserts every 12 months, using a 150bar water pressure washer with fan nozzle at minimum distance of 150mm.

Contact us for more information

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Cross cut components

Gripsure non-slip decking uses an aggregate that is extremely hard and blunts conventional blades very quickly. Gripsure recommend the following saw blade as suitable for cutting both the board and non-slip aggregate inserts:

Stehle 250mm x 30mm bore Z=16 2.2mm width PCD (polycrystalline diamond) saw blade

Alternatively, the aggregate inserts (only) can be cut using a hand-held angle grinder, followed by cutting through the rest of the deck board with a conventional hand saw or chop saw.

Fixing

Gripsure Bamboo boards are supplied with side grooves so a secret fix system can be used. Deck clips are then screwed into the joists underneath, with the clip sitting in the side groove to secure the board in place. Bamboo joists are also available so the whole system has the same expected service life and are more economic than composite and aluminium joist systems.

The recommended joist centres for Gripsure Bamboo are 400mm.

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