

Bamboo Co Eco-Shield Siding

Bamboo Co Eco-Shield Siding boards have been processed using a patented technology resulting in an extremely high density, anti-corrosive product that withstands the harshest of conditions. Bamboo Co Eco-Shield Siding boards have superior stability to other natural products on the market, whilst also benefiting from being termite resistant. The boards can be used for facades, gates , fencing and more (contact our team to discuss your project requirements).

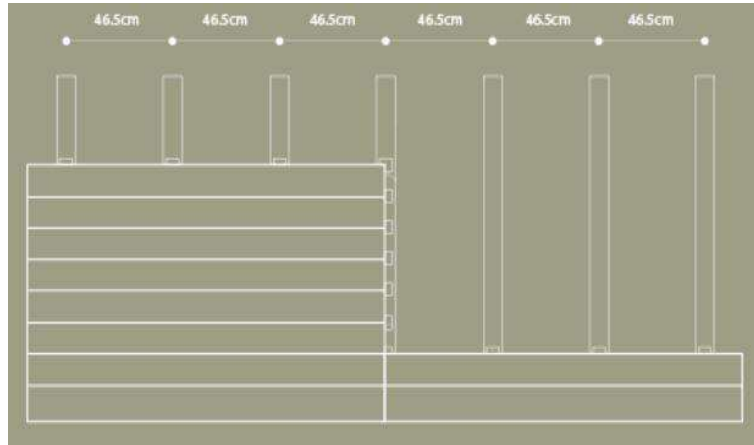


Product Code	Color / Finish	Surface	Fitting System	Dimensions
SIDING-NAT-25	Natural / Woca Oil	Smooth	Hidden Clips	1860*103*12mm

Technical Characteristics and Certifications		
Test item	Result	Standard
Fire Resistance Class	Bf1	EN 13501-1:2007
UV Exposure	grade 4	ISO 4892-3:2016
Hardness	106.8N/mm ²	
Bending Strength	95.5N/mm ²	characteristic value - EN 408
Density	1200Kg/m ³	
Moisture Rate	7-12%	
Formaldehyde Release	0.1mg/m ² h	GB/T17657-2013
Expansion Rate After 1 Hour In Boiling Water	4-5%	
Static Bending Strength	74.4N/mm ²	DIN EN 408
Determination of Resistance	8.61N/mm ²	EN1534-2010
Modulus of Elasticity	19100N/mm ²	DIN EN 408
Specific Gravity	1.2kg/m ³	ASTM D2395-07 Method A
Light Ageing Test-UV Exposure	grey scale 3-4	ISO 4892-3:2016 Cycle 1&ISO 105-A02:1993/Cor.2 :2005
Resistance to Indentation	9.5kg/mm ²	EN1534
Warranty	25 Years	

Storage Summary

Bamboo Co Eco-Shield Siding boards should be stored inside, raised above the ground (on a level pallet), horizontally, in a dry, clean, pest free location. *(Defects caused by improper storage, will not be covered by the warranty)*



Installation Summary

If the product is being installed internally, allow the boards to acclimatise for 48 hours to avoid warping or expansion.

If installing externally, it is essential to ensure there is good ventilation between the wall and the product.

- 1 Secure the siding boards with Eco-Shield Siding Clips & Screws
- 2 Position the Eco-Shield clips and screws centrally on the batten to ensure a full support.
- 3 Start with the lowest row of clips ensuring they are placed level (use a spirit level)
- 4 Avoid over tightening the screws, this can pull the clip into the wood and make it difficult to install the board.
- 5 Place the 1st board on the clip, ensure the clip is engaged deep enough to keep board level
- 5 Install 2nd row of clips ensuring they are positioned in the tongue of the 1st row of boards
- 6 Continue in the same manner, checking regularly that the boards are level

Maintenance Summary

Bamboo Co Eco-Shield Siding is a natural product, therefore the appearance (color and grain) can vary. The boards texture and color will change over time, depending on the climate and customers chosen maintenance schedule.

Cleaning your Eco-Shield Siding boards regularly will maintain its appearance and longevity. (Do not use a pressure washer)

- 1 **Regularly dust or brush:** To avoid a build-up of debris which will look unsightly but also risk scratching the surface.
- 2 **Interior:** Use a damp cloth (not excessively wet) to clean the surface. Use mild soapy warm water or a wood cleaner designed for bamboo or wood surfaces. Do not use harsh chemicals or bleach as this will damage the surface.
- 3 **Exterior:** Use a soft bristle brush and warm soapy water or a mild wood cleaner designed for bamboo or wood. Do not use harsh chemicals or bleach as this will damage the surface.
- 4 **Dry :** Allow to air dry completely.
- 6 **Apply Woca Oil:** To further protect the bamboo from moisture and UV damage, you can apply an external bamboo decking oil (we recommend Woca Oil - please refer to our Full Guide)



Note: Care has been taken to ensure the accuracy of this information. The information is subject to change. Please refer to our website for the most upto date version.