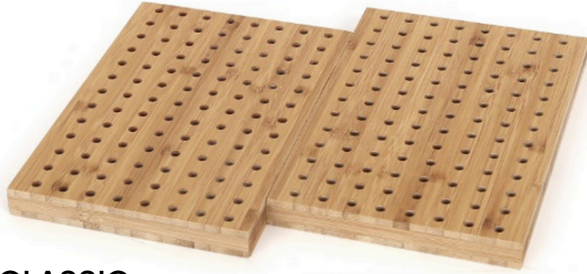


CoreBOO™ SOLID PERF Panels



CLASSIC

Perforation Diameter	6mm (~1/4")
Perforation Separation	16mm (~2/3")
Panel Thickness	18mm (~3/4")



MICRO

Perforation Diameter	1mm (~1/25")
Perforation Separation	3mm (~1/8")
Panel Thickness	18mm (~3/4")



OFFSET

Perforation Diameter	8mm (~1/3")
Perforation Separation	32mm (~1-1/3")
Panel Thickness	18mm (~3/4")

Product Overview

CoreBOO™ SOLID Perf Panels are 3/4" thick 'solid' bamboo panels designed with symmetry and specific sound frequency absorption in mind.

Specifications

Description: Perforated bamboo panels made from solid (3ply) bamboo.

Perforated Panel Profile (select one): Offset, Classic, Micro

Panel Size (select one): 600*600mm (~2'x2'), 1200*600mm (~4'x2'), 2400*600mm (~8'x2'), 1200*1200mm (~4'x4'), 1200*2400mm (~4'x8')

Color (select one):

UV series: White UV, Light UV, Dark UV, Walnut UV, Black UV

OIL series: White Oil, Grey Oil, Natural Oil, Walnut Oil, Teak Oil, Hazelnut Oil, Black Oil

Composition: 100% solid bamboo

Fire-rating: Class "B" (Class "A" coating available)

Installation (select one): Panels applied into ceiling grid

Colors

UV Colors (select one):



White UV

Light UV

Dark UV

Walnut UV

Black UV

Oil Colors (select one):



White Oil

Natural Oil

Grey Oil

Teak Oil

Hazelnut Oil



Walnut Oil



Black Oil

Sustainable Attributes

- Made from rapidly renewable bamboo (harvested at 5 years harvesting cycles; naturally regrows from root)
- Carbon neutral product
- Zero-carbon manufacturing
- Non-detectable VOC and Formaldehyde emissions (CDPH compliant)
- Made from 'solid' bamboo material (as opposed to potentially carcinogenic particleboard substrate products)
- Sustainable supply chain

Environmental Certification

- EPD – compliant with ISO 14025 and EN 15804
- Declare – Red List free (third party verified)
- ISO 14001 Certified Environmental Management
- Health Product Dec
- FSC-certified (available)

Green Building Certification

Sustainable Materials products meet criteria for WELL, LEED, Green Star, and BREEAM building rating systems, helping you achieve certification for your project. For support and guidance on available rating system points please visit www.SustainableMaterials.com, or speak with your Sustainable Materials account manager.

Product Testing Specifications

Formaldehyde emission: ND [Non-Detectable] – (per EN 717-1, ISO 16000-9, ISO 16000-6)

TVOC: ND [Non-Detectable] – (per ISO 16000-9:2006/6:2011/3:2011)

Fungus Resistance: Grade 0 (per JIS Z 2911)

Bending strength: 111.75 N/mm² (per EN 310)

Modulus of Elasticity: 9750 N/mm² (per EN 310)

Screw retentivity rate: Edge withdrawal (Long side): 31N/mm²; Edge withdrawal (Short side): 36 N/mm²; Surface withdrawal: 44 N/mm² (per EN 13446)

Water absorption rate: Change in length: ± 0.9 mm/m / Change in thickness: ± 1% (per EN 318)

Brinell hardness (HB): 30 N/mm² (per EN 1534)

Certification availability: Forestry Stewardship Council (FSC)

Fire-resistant: available as Class B-s1, d0 (per EN 13501); Class "A" (per ASTM E84)

GET IN TOUCH

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