



PRODUCT NAME:

CoreBOO AIR MESH Slat Wall (Narrow, Wide, Mix)

MANUFACTURER/SUPPLIER:

Décor Acoustics
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Boulder, CO 80301
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PRODUCT DESCRIPTION:

CoreBOO AIR MESH Slat Wall products are made with The laminated bamboo strips are affixed to a bamboo strip cross-member substrate, with the 2 layers being separated by an ‘acoustic mesh’ (black fabric) designed to help trap sound waves within the air between the mesh and the back of the substrate strips (Note: a 2” air gap behind the ‘mesh’ provides an NRC of up to 0.50).

- Made from 100% rapidly renewable bamboo (5-year harvesting cycle)
- E0 and NAUF (No Adder Urea Formaldehyde) additives
- Available as “FSC”
- Available with “Class A” fire-rating

COLORS:



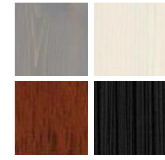
Dark



Medium



Light



‘Custom’ stains (Waco Exterior Stains)

PANEL SIZE:

Panel Length: 2.9m / 5.8m (114”/228”)
Panel Width: 400mm (ie: ~ 15-3/4”)

PRODUCTS:

Narrow:

| | |
|-------------------------------------------------|--------------------------------|
| <i>Bamboo Size:</i> 20 * 20 mm (~ 0.80”x 0.80”) | <i>Spacing:</i> 20 mm (~ 0.8”) |
|-------------------------------------------------|--------------------------------|



Wide:

| | |
|------------------------------------------------|--------------------------------|
| <i>Bamboo Size:</i> 20 * 40 mm (~ 0.80”x 1.6”) | <i>Spacing:</i> 10 mm (~ 0.4”) |
|------------------------------------------------|--------------------------------|





Mix:

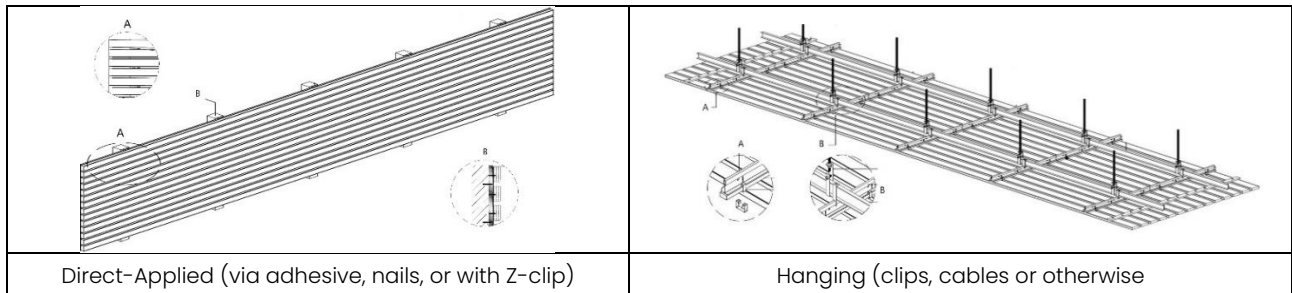
Bamboo Size: 20 * 20/40/60 mm (~0.80" x 0.8"/1.6"/2.4")

Spacing: 8 mm (~ 0.33")



BASIC APPLICATION INFORMATION:

CoreBOO AIR MESH Slat Wall Panels can be directly applied, hung with spacer clips, and mounted via wire (or similar) hanging system.



COREBOO PHYSICAL SPECIFICATIONS:

Composition: 100% solid bamboo

Density: ±680 kg/m³ (EN323)

Durability Class: 1-2 (EN350)

Janka hardness: 1,380 lbf

Moisture content: 10%-14%

Formaldehyde emission: ND (EN 717-1,ISO16000-9 & ISO16000-6)

TVOC: ND (ISO16000-9:2006/COR1-

2007&ISO16000-6:2011&ISO16000-3:2011)

Fire-rating (standard): B-s1, d0 (EN13501)

Fire-rating (w/ treatment): Class A (ASTM E84-17)

Fungus Resistance: Grade 0 (JIS Z 2911)

Bending strength: 111.75 N/mm² (EN310)

Modulus of Elasticity: 9750 N/mm² (EN310)

Screw retentivity rate: (EN13446)

Edge withdrawal-Long side: 31N/mm²

Edge withdrawal-Short side: 36 N/mm²

Surface withdrawal: 44 N/mm²

Water absorption rate: (EN318)

Change in length: ±0.9 mm/m

Change in thickness: ±1%

Determination of Resistance to Indentation: (EN1534)

Brinell hardness (HB): 30 N/mm²

GENERAL CONSIDERATIONS:

- ☑ Natural variation among panels may occur due to the natural characteristics of bamboo raw material (pre-applied custom stains are available).
- ☑ Site conditions to ensure stability: it is very important that CoreBOO panels are acclimatized prior to installation. Relative humidity between 25% and 55% and temperatures between 50°F and 86°F must be maintained throughout the life of the product.