PRODUCT NAME:

CoreBOO OPEN Slat Wall (Mini – narrow, Mini – wide, Medium, Tall – narrow, Tall – wide)

MANUFACTURER/SUPPLIER:

Décor Acoustics
5403 Western Ave #C
Boulder, CO 80301
Ph: (720) 449-3063
Email: sales@DecorAcoustics.com
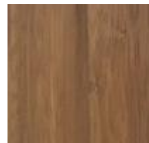Website: www.DecorAcoustics.com/CoreBOO

PRODUCT DESCRIPTION:

CoreBOO OPEN Slat Wall products provide diffusion by breaking up soundwaves and dampening sound that would otherwise reflect out into the room. The laminated bamboo strips are built on an open aluminum (painted black) frame, and can be used inside, outside, or in transitional applications.

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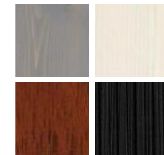- ☑ Available with "Class A" fire-rating

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")
Aluminum frame dimension (w x h): 12*16mm [adds 10mm (~ 3/8") to bamboo strip height for panel thickness]

PRODUCTS:

Mini – Narrow	*Bamboo Size*: 20 * 20 mm (~ 0.80"x 0.80")	*Spacing*: 10 mm (~ 0.4")

Mini - Wide	*Bamboo Size*: 20 * 20 mm (~ 0.80"x 0.80")	*Spacing*: 20 mm (~ 0.8")

Medium	*Bamboo Size*: 30 * 40 mm (~ 1.2"x 1.6")	*Spacing*: 20 mm (~ 0.8")

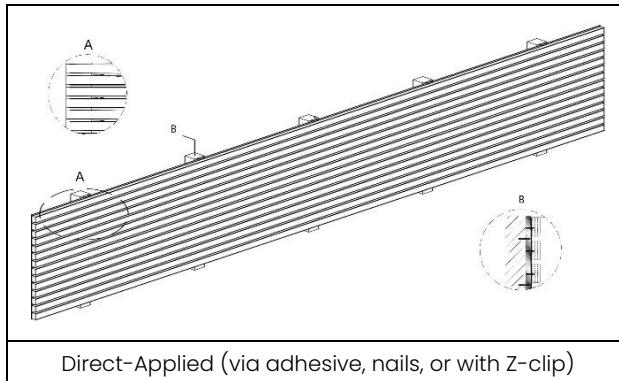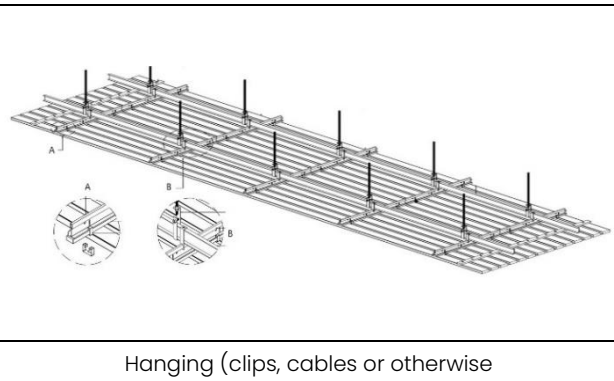| Tall - Narrow	*Bamboo Size*: 20 * 40 mm (~0.80" x 1.6")	*Spacing*:	20 mm (~ 0.8")
Tall - Wide	*Bamboo Size*: 20 * 50 mm (~0.80" x 2")	*Spacing*:	50 mm (~ 2")

BASIC APPLICATION INFORMATION:

CoreBOO Solid Perf Panels can be directly applied, hung with spacer clips, and mounted via wire (or similar) hanging system.

Direct-Applied (via adhesive, nails, or with Z-clip)	Hanging (clips, cables or otherwise

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.