

MOSO[®] bamboo panels, veneer & beams

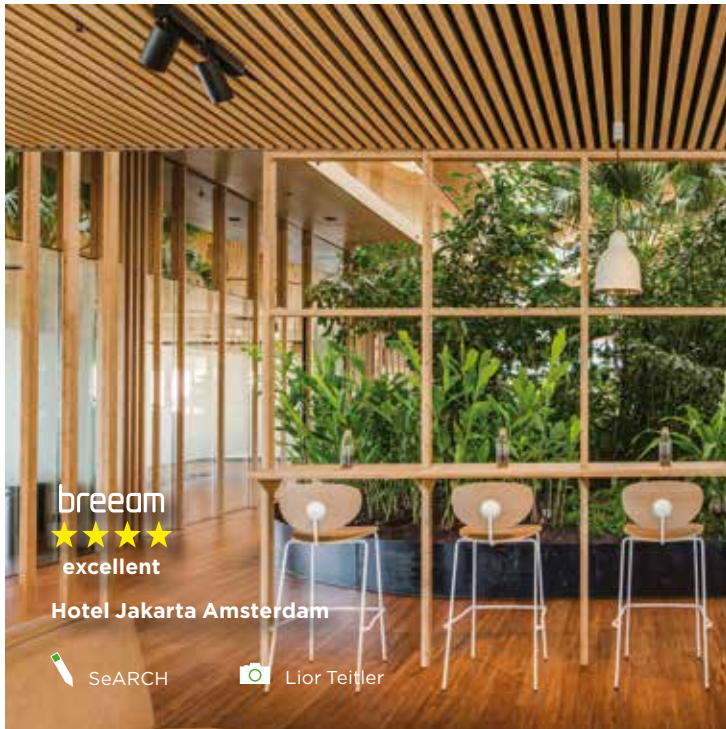
Lexus Lounge Brussel Airport



FITCH



Lior Teitler



breeam
★★★★★
excellent

Hotel Jakarta Amsterdam



SeARCH



Lior Teitler



CityLife Shopping District Milan



Zaha Hadid



AndreVisual

moso[®]

MOSO® Bamboo Panels, Veneer & Beams

Solid Collection

Supra Collection

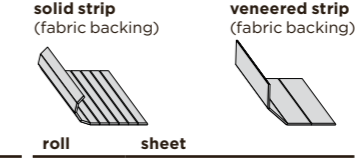
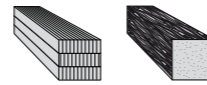
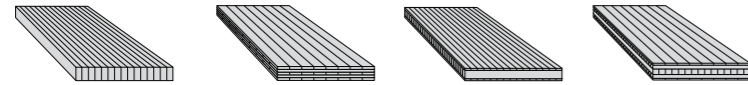
solid panel

solid beam

1-ply panel

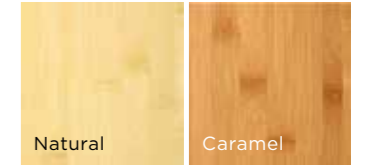
veneer

Flexbamboo

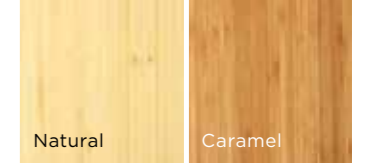


Dimensions (mm)	solid panel											solid beam				1-ply panel			veneer					Flexbamboo				
Thickness	7	16	19	20	20	25	30	38	38	40	40	55	60	72	100	3	4	5	0.6	0.6	0.6	0.6	0.5	2	2	4		
Length	2440	2440	2440	2440	2440	2440	2440	2440	2440	3100/ 4000	2440	3000/ 4000 ¹⁾	2440	2440	2440	2440	2440	2440	2440	2500	2500	2710	3100	2500	45000	1250/ 2000	15000	
Width	1220	1220	1220	1220	1220	1220	1220	1220	700	1220	700 / 620 ¹⁾	55	120	120	120	1220	1220	1220	430	1250	430	430 / 1250	1250	2040/ 2440	2440/ 3000	2040 2440		
Strip width																								7 ⁴⁾ /15			7/15	50
Style																												
Plain Pressed (PP)	-	•	-	•	•	•	•	-	-	•	•	-	-	-	-	•	-	•	•	•	•	-	-					
Side Pressed (SP)	•	•	•	•	-	•	•	-	-	•	•	•	•	•	•	•	-	•	•	•	•	•	•	-				
High Density* (HD)	-	-	-	•	-	-	-	•	•	-	-	-	•	•	•	-	•	-	-	-	-	-	•					
Colours																												
Natural	•	•	•	•	•	•	•	•	-	•	•	•	-	-	-	•	•	•	•	•	•	•	-	•	•	•		
Caramel	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Tiger	-	-	-	• ²⁾	-	-	-	-	-	-	-	-	-	-	-	-	•	-	-	-	-	-	-	-	-	-		
Finish																												
Unfinished	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Construction (mm)																												
Layer 1	2	3.5	19	4	4	4	5	3	3	4	4	18.3	20 (HD: 60)	6 (HD: 72)	20 (HD: 100)	3	4	5										
Layer 2	3	9		12	4	17	20	6	6	8	6	18.3	20	20	20													
Layer 3	2	3.5		4	4	4	5	20	20	16	20	18.3	20	20	20													
Layer 4					4			6	6	8	6				20	20												
Layer 5					4			3	3	4	4				6	20												
Properties & certification																												
Hardness (Brinell kg/mm ²)	>4	>4	>4	>4	>4	>4	>4	>9.5	>9.5	>4	>4	>4	>4 (HD:>9.5)	>4 (HD:>9.5)	>4 (HD:>9.5)	>4	>9.5	>4	- ³⁾	- ³⁾	- ³⁾	- ³⁾	- ³⁾	>3	>3	>3		
CO ₂ neutral	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	n.d.	n.d.	n.d.		

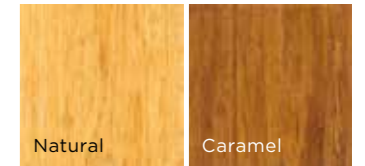
Plain Pressed
Strips are placed horizontally and glued together to create a wide line pattern with the characteristic bamboo nodes clearly visible.



Side Pressed
Strips are placed vertically and glued together to create a narrow line pattern with the bamboo nodes visible in a subtle way.



High Density* (HD)
Strips are compressed and glued under high pressure, creating an elegant random line pattern. The result is a panel/beam that is even harder than the best tropical hardwood species.



HD = High Density*
n.d. = not determined

MOSO® Bamboo Solid Panel consists of multiple layers of bamboo, available in multiple variations with respect to size, thickness, configuration, style and colour. These bamboo panels are especially interesting in those applications where the side of the panel remains visible, such as steps of a staircase, furniture and kitchen work tops.

MOSO® Bamboo Solid Beam may be used in numerous applications such as window- and doorframes, where typically (expensive) scarce tropical hardwood is used. Unlike hardwood, the MOSO® bamboo solid beam is a very regular material in terms of stability and structure (no knots, no resins coming out) and is therefore easy to process.

Other dimensions are available on request.

MOSO® Bamboo 1-ply Panel is mainly used as a panel covering material, where the bamboo is pressed, double sided, on a base (for example MDF or chipboard). Most applications require pressing on both sides of the base, to prevent possible bending. The result is a "sandwich panel".

MOSO® Bamboo Veneer is a high quality veneer, which is created by slicing sheets from laminated blocks made from bamboo strips. To avoid cracks during handling, MOSO veneer is backed with a thin, but strong cellulose fleece. This facilitates easy pressing of the veneer sheets on a panel.

³⁾ The hardness of veneer dependent on the substrate used.

MOSO® Flexbamboo is a flexible bamboo product often placed on a carrier (e.g. MDF) and used as an aesthetical covering material on walls, ceilings, or furniture.

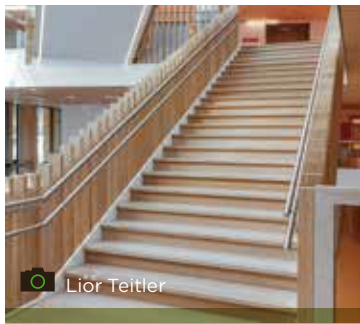
⁴⁾ Only available in 2040 mm width.

All products are available with FSC® certification on request.



¹⁾ Dimensions 3000x700 mm or 4000x620 mm.

²⁾ Tiger: Mix of natural and caramel strips, only available in High Density*.



Lior Tettler

MOSO® Solid Panel
the Princess Máxima Center
The Netherlands (LIAG Architects)



Lior Tettler

MOSO® Veneer
Rishonim Mall and offices, Israel
(Azrieli Group - Sher Architects)



FotoBuffel

MOSO® Flexbamboo
Midwives Clinic "Groei",
The Netherlands (1:1 Architects)



Hennie Raaymakers

MOSO® Solid Panel & Beam
Van Oord Office
The Netherlands (Inbo Architects)

MOSO® offers a very **broad assortment** of bamboo **panels, veneer and beams** in **various dimensions, colours and textures**. These products are used **worldwide** in **various applications** ranging from wall covering, ceilings, window frames, doors, stairs, furniture and kitchens.



Solid Panel
Side Pressed Natural
Thickness: 19 mm (1x19)



Solid Panel
Plain Pressed Caramel
Thickness: 25 mm (4-17-4)



Solid Panel
High Density® Natural
Thickness: 38 mm (3-6-20-6-3)



1-ply Panel
High Density® Tiger
Thickness: 4 mm (1x4)



Veneer
Side Pressed Caramel
Thickness: 0.6 mm



Flexbamboo
Solid Strip
Thickness: 2 mm



Solid Beam
Side Pressed Caramel
Thickness: 72 mm (6-20-20-20-6)



Solid Beam
High Density® Caramel
Thickness: 100 mm (1x100)

MOSO® Bamboo Products

MOSO® is the European market leader in the development of innovative and sustainable bamboo products for interior and exterior applications for the green building industry and beyond.