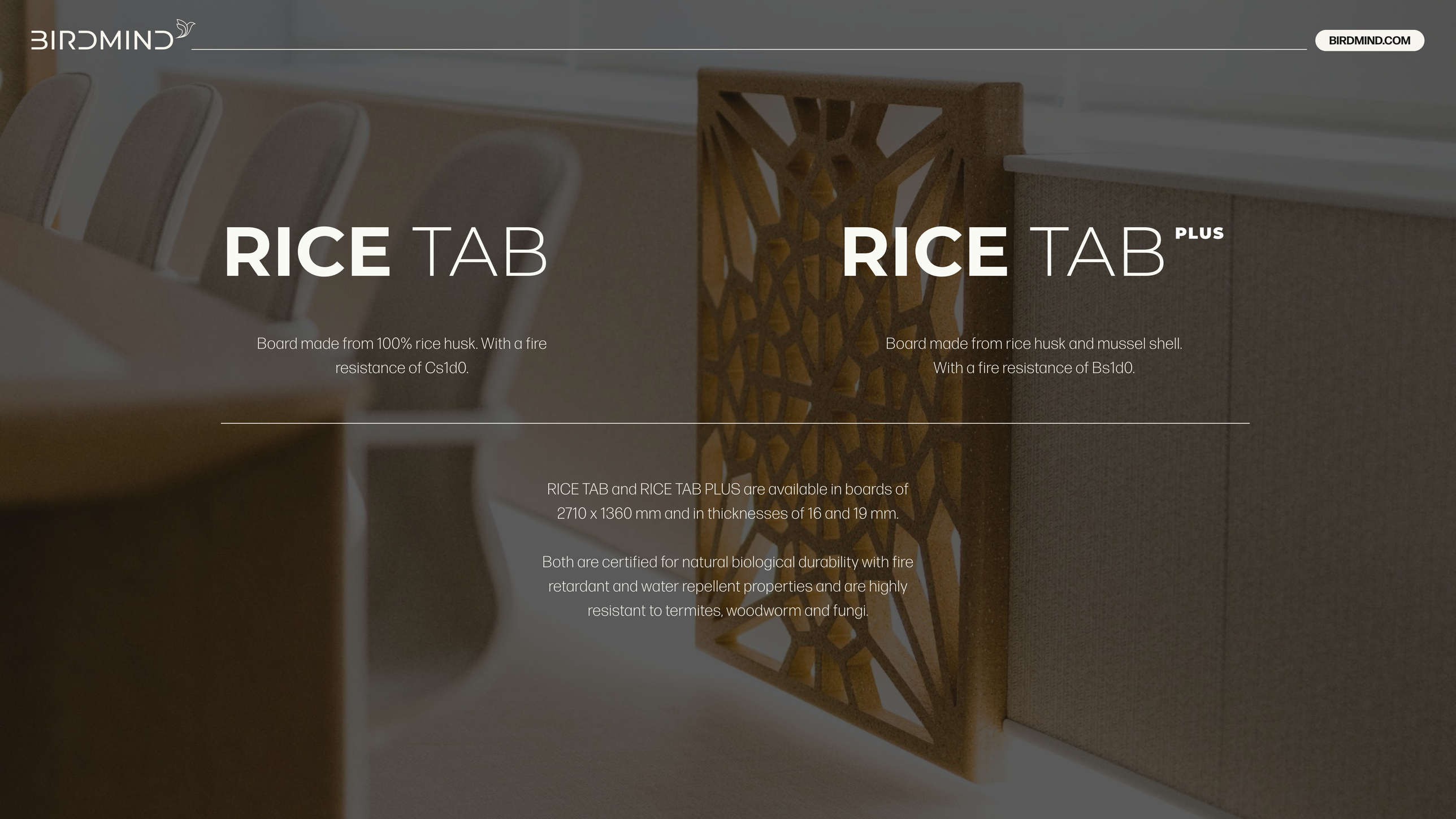
BIRDMIND

RICE TAB

A disruptive, innovative, sustainable and circular material
for interior contract and residential use.





RICE TAB

Board made from 100% rice husk. With a fire resistance of Cs1d0.

RICE TAB PLUS

Board made from rice husk and mussel shell. With a fire resistance of Bs1d0.

RICE TAB and RICE TAB PLUS are available in boards of 2710 x 1360 mm and in thicknesses of 16 and 19 mm.

Both are certified for natural biological durability with fire retardant and water repellent properties and are highly resistant to termites, woodworm and fungi.

SUSTAINABILITY

ZERO WATER FOOTPRINT

We have developed a fully automated production line in which we do not consume a single drop of water to produce our boards.

FORMALDEHYDE-FREE

RICE TAB is made with formaldehyde-free bynders.

ZERO DEFORESTATION

We eliminate all logging processes: trucks, tractors, machinery, log crushing processes and all the CO2 they generate.

CIRCULARITY

In addition to only using raw materials from agricultural production waste, we use all the recycled material resulting from our internal processes of manufacturing and processing of our boards in each of our boards, thus closing the circle and becoming a zero waste company.

We offer our customers the possibility of collecting the products they manufacture with our RICE TAB boards after their useful life for shredding and incorporation back into our production line to manufacture a new board. Birdmind's production plant runs on green energy. 100% of the energy we use for the production of our boards comes from renewable energy sources.



FINISHES

Here are some examples of the many finishes that RICE TAB and RICE TAB PLUS can be worked with.
BIRDMIND manufactures its boards natural.











MACHINING AND APPLICATIONS

MACHINING

Our RICETAB boards offer the same density in all layers, which makes machining an excellent surface finish that hardly needs sanding

PACKAGING

We use recycled materials for the packaging of our products.

PROCESSING AND ASSEMBLY

RICETAB is machined and assembled using conventional carpentry machinery and tools.

APPLICATIONS

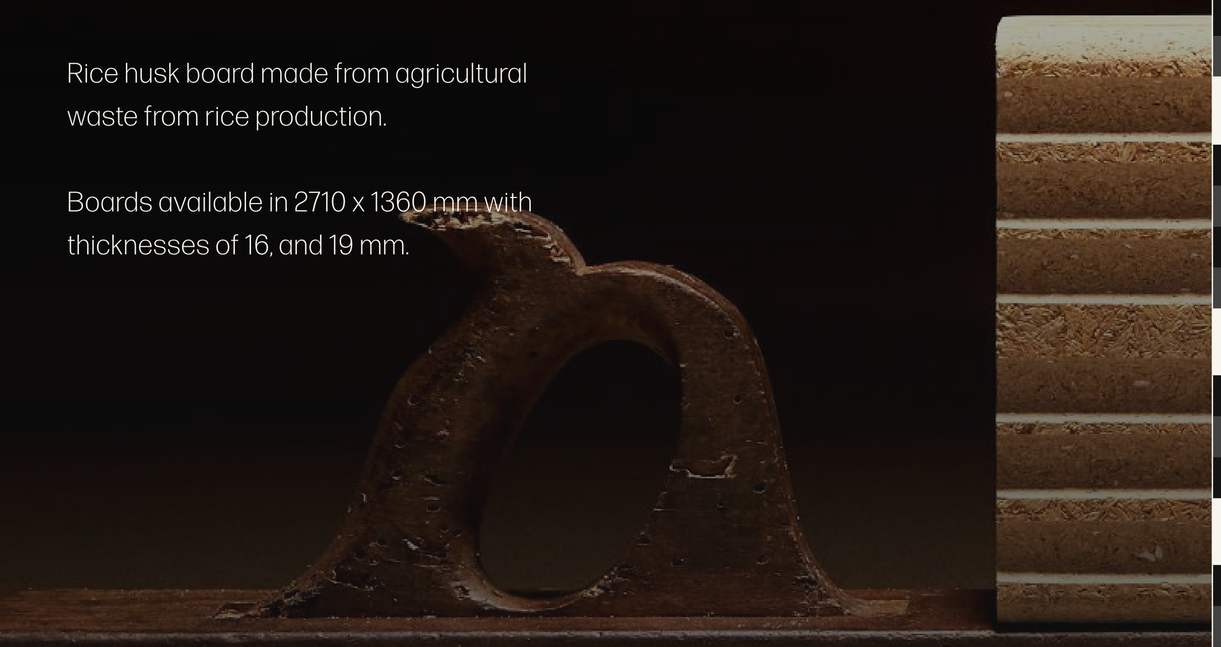
All kinds of interior design uses: furniture, wall cladding, decorative elements, etc.

RICE TAB

DATA SHEET

Rice husk board made from agricultural waste from rice production.

Boards available in 2710 x 1360 mm with thicknesses of 16, and 19 mm.



PHYSICAL-MECHANICAL PROPERTIES	UNITS	THICKNESS		STANDARD
		16	19	
Perpendicular tensile strength	N/mm^2	0,45	0,34	EN 319
Bending strength (PP)	N/mm^2	10,8	10,6	EN 310
Bending strength (PL)	N/mm^2	11,3	9,0	EN 310
Modulus of elasticity (PP)	N/mm^2	1570	1570	EN 310
Modulus of elasticity (PL)	N/mm^2	1570	1340	EN 310
Density	Kg/m^3	650-700	650-700	EN 323
GENERAL PROPERTIES	**UNITS**	**THICKNESS**		**STANDARD**
		16	**19**	
Water swelling 24h	%	3,3	3,1	EN 317
Moisture	%	4,9	6,3	EN 322
Formaldehyde Content	mg/m^3	<Q.L* (0,022)	<Q.L* (0,022)	EN 717-1:2006
Fire reaction	CLASS	Cs1d0	Cs1d0	EN 13823:2021
BIOLOGICAL DURABILITY	**UNITS**	**THICKNESS**		**STANDARD**
		16	**19**	
Termite	USE CLASS	1 and 2	1 and 2	EN 350 117:2012+EN73
Hylotrupes (Woodworm)	USE CLASS	1 and 2	1 and 2	EN 46-1:2016+EN73
Fungi	USE CLASS	2 and 3	2 and 3	UNE-ENV 12038+EN73
NOMINAL DIMENSIONS	**UNITS**	**THICKNESS**		**STANDARD**
		16	**19**	
Thickness	mm	±0,6		EN 324-1
Length and width	mm	±5		EN 324-1
Squareness	mm/m	±2		EN 324-2
Edge straightness	mm/m	±1,5		EN 324-2
MOISTURE RESISTENCE	**UNITS**	**THICKNESS**		**STANDARD**
		16	**19**	
OPTION 1 (T-313)				
Perpendicular tensile strength (after cyclic test)	N/mm^2	0,10	0,12	EN 321
Thickness swelling (after cyclic test)	%	7,44	7,28	EN 321

CE MARKING IN ACCORDANCE WITH STANDARD UNE-EN 13986:2005+A1:2015.

<Q.L* The quantification limit is so low (0.022 mg/m^3) that it cannot be quantified, being far below the European Union Regulation 2023/1464, which comes into force in August 2026.

Water proof RICE TAB complies with the requirements of EN 321 for non-structural boards used in humid environments (Type P3).

The standards and laboratories responsible for testing this product are accredited by ENAC (National Accreditation Entity).

RICE TAB PLUS

DATA SHEET

Rice husk board made from agricultural waste from rice production.

Boards available in 2710 x 1360 mm with thicknesses of 16, and 19 mm.

PHYSICAL-MECHANICAL PROPERTIES	UNITS	THICKNESS		STANDARD
		16	19	
Perpendicular tensile strength	N/mm^2	0,45	0,34	EN 319
Bending strength (PP)	N/mm^2	10,8	10,6	EN 310
Bending strength (PL)	N/mm^2	11,3	9,0	EN 310
Modulus of elasticity (PP)	N/mm^2	1570	1570	EN 310
Modulus of elasticity (PL)	N/mm^2	1570	1340	EN 310
Density	Kg/m^3	650-700	650-700	EN 323
GENERAL PROPERTIES	**UNITS**	**THICKNESS**		**STANDARD**
		16	**19**	
Water swelling 24h	%	3,3	3,1	EN 317
Moisture	%	4,9	6,3	EN 322
Formaldehyde Content	mg/m^3	<Q.L* (0,022)	<Q.L* (0,022)	EN 717-1:2006
Fire reaction	CLASS	Bs1d0	Bs1d0	EN 13823:2021
BIOLOGICAL DURABILITY	**UNITS**	**THICKNESS**		**STANDARD**
		16	**19**	
Termite	USE CLASS	1 and 2	1 and 2	EN 350 117:2012+EN73
Hylotrupes (Woodworm)	USE CLASS	1 and 2	1 and 2	EN 46-1:2016+EN73
Fungi	USE CLASS	2 and 3	2 and 3	UNE-ENV 12038+EN73
NOMINAL DIMENSIONS	**UNITS**	**THICKNESS**		**STANDARD**
		16	**19**	
Thickness	mm	±0,6		EN 324-1
Length and width	mm	±5		EN 324-1
Squareness	mm/m	±2		EN 324-2
Edge straightness	mm/m	±1,5		EN 324-2
SOUND ABSORPTION COEFFICIENT	**UNITS**	**THICKNESS**		**STANDARD**
		16	**19**	
Chamber coating (100 to 5000 Hz)	αw	-	0,20 - (E)	UNE-EN ISO 354:2004
Panel (100 a 5000 HZ)	αw	-	0,25 - (E)	UNE-EN ISO 354:2004
MOISTURE RESISTENCE	**UNITS**	**THICKNESS**		**STANDARD**
		16	**19**	
OPTION 1 (T-313)				
Perpendicular tensile strength (after cyclic test)	N/mm^2	0,10	0,12	EN 321
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