RICE TAB PLUS

DATA SHEET

Rice husk board made from agricultural waste from rice production.

Boards available in 2710 x 1300 x 19 mm and 2440 x 1220 x 16 mm.

PHYSICAL-MECHANICAL PROPERTIES	UNITS	THICKNESS		STANDARD
		16	19	
Perpendicular tensile strength	N/mm²	0.45	0.34	EN 319
Bending strength (PP)	N/mm²	10.8	10.6	EN 310
Bending strength (PL)	N/mm²	11.3	9.0	EN 310
Modulus of elasticity (PP)	N/mm²	1570	1570	EN 310
Modulus of elasticity (PL)	N/mm²	1570	1340	EN 310
Density	Kg/m³	600-650	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/m³	<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-EN 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/mm²	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/m³) that it cannot be quantified, being far below the European Union Regulation 2023/1464, which comes into force in August 2026.

Waterproof 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).