

FibraPan® H IGN EZ

TECHNICAL DATA

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm		
			10-12	>12-19	>19-22
Density (*)	EN 323:1993	kg/m³	840/830	820/810	810/790
Internal Bond	EN 319:1993	N/mm²	0.80	0.75	0.75
Thickness Swelling 24h	EN 317:1993	%	10	8	7
Bending Strength	EN 310:1993	N/mm²	26	24	22
Modulus of Elasticity	EN 310:1993	N/mm²	2500	2400	2300
Swelling In Thickness after Cyclic Test (V313)	EN 321:2001 / EN 317:1993	%	16	15	15
Internal Bond after Cyclic Test (V313)	EN 321:2001 / EN 319:1993	N/mm²	0,25	0.20	0,15
Surface Soundness	EN 311:2002	N/mm²	>1.2	>1.2	>1.2
Formaldehyde emission	EN 717-1:2004	ppm	≤ 0.05	≤ 0.05	≤ 0.05
Reaction to fire	EN 13501-1:2018	Euroclass	B-s1,d0	B-s1,d0	B-s1,d0
Dimensional Movement Length/Width	EN 318:2002	%	0.4	0.4	0.4
Dimensional Movement Thickness	EN 318:2002	%	6	6	6
Surface Absorption (two Faces)	EN 382-1:1993	mm	>150	>150	>150
Grit Content	ISO 3340:1976	% Weight	≤ 0.05	≤ 0.05	≤ 0.05
Moisture Content	EN 322:1993	%	7+/-3	7+/-3	7+/-3

TOLERANCE ON NOMINAL DIMENSIONS

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm		
			10-12	>12-19	>19-22
Thicknesses	EN 324-1:1993	mm	+/-0.2	+/-0.2	+/-0.3
Lenght & Width	EN 324-1:1993	mm	+/- 2 mm/m, máx +/- 5 mm	+/- 2 mm/m, máx +/- 5 mm	+/- 2 mm/m, máx +/- 5 mm
Squareness	EN 324-2:1993	mm/m	+/- 2	+/- 2	+/- 2
Edge Straightness	EN 324-2:1993	mm/m	+/-1,5	+/-1,5	+/-1,5

(*) Values to be considered as a rough guide only.

These physical-mechanical values comply with the values established in European standard EN 622-5:2009, Table 4, Option 1. - Requirements for general-purpose boards for use in humid conditions (Type MDF.H).

This product holds the Certificate of Constancy of Performance (CE) issued by AENOR – a Notified Body of the European Commission in accordance with Regulation (EU) No 305/2011 on Construction Products, under number NB0099-.

Product with very low formaldehyde emission ≤ 0.05 ppm (≤ 0.062 mg/m³) measured under European Standard EN 717-1:2004 that complies with the specifications of Class E1 defined in the EN 622-1:2003 European Standard.

Product certified to US EPA TSCA Title VI and California Code of Regulation 17 ATCM 93120, Phase 2.

Reports and certificates relating to this product are available upon request.

Handling/Storage Recommendations:

Boards should always be stored under cover and on a flat surface.
Optimal storage conditions are 65% humidity; avoid environments that are either too dry or too damp.
Under no circumstances should there be direct contact with water.
Spacers must always be vertically aligned.
Under no circumstances should boards be stacked more than 4 high.

If the packaging is damaged during handling, it must be re-packaged to ensure the product's proper preservation.

Failure to observe the stated stacking conditions, as well as changes in humidity or temperature in warehouses or processing areas, can lead to irreversible distortion and warping.