

Mediland MH

TECHNICAL DATA

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm		
			10-12	>12-19	>19-30
Density (*)	EN 323:1993	kg/m ³	740	700-690	680-660
Internal Bond	EN 319:1993	N/mm ²	0,80	0,75	0,75
Thickness Swelling 24h	EN 317:1993	%	10	8	7
Bending Strength	EN 310:1993	N/mm ²	26	24	22
Modulus of Elasticity	EN 310:1993	N/mm ²	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/mm ²	0,25	0,20	0,15
Surface Soundness	EN 311:2002	N/mm ²	1,2	1,2	1,2
Formaldehyde emission	EN 717-1:2004	ppm	≤ 0.05	≤ 0.05	≤ 0.05
Dimensional Movement Length/Width	EN 318:2002	%	0,4	0,3	0,3
Dimensional Movement Thickness	EN 318:2002	%	6	5	5
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	>19-30
Thicknesses	EN 324-1:1993	mm	+/-0,2	+/-0,2	+/-0,2
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).

CWFT: Reaction to fire classification without the need of testing, according to European Commission Decision 2007/348/EC.

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.

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

Wood used by Finsa in the production of fibreboards (MDF) is a mixture primarily of pine and eucalyptus. Particleboard production also uses a mixture primarily of pine and eucalyptus, with the addition of recycled wood from diverse species. All wood is obtained in accordance with PEFC and FSC chain of custody requirements, and in compliance with EUTR/EUDR regulations.

It is the duty and responsibility of the end user to evaluate, in accordance with relevant local health and safety regulations, all risks presented to any persons involved in processing/transforming/handling the materials. A detailed plan of procedure and necessary checks must be in place to ensure preventive measures are appropriately enforced to minimise all risk; eg. manual handling, dust extraction if cutting/sanding/machining, use of PPE, etc.