Finsa

FibraPan® NAF

TECHNICAL DATA

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm						
			2.5	2.6-4	>4-6	>6-9	>9-12	>12-19	>19-30
Density (*)	EN 323:1993	kg/m³	860	860-835	835-820	820-800	800-770	770-750	750-695
Internal Bond	EN 319:1993	N/mm²	1,2	1,0	0,90	0,80	0,70	0,60	0,55
Thickness Swelling 24h	EN 317:1993	%	35	28	25	14	12	10	9
Bending Strength	EN 310:1993	N/mm²	27	27	27	27	26	25	22
Modulus of Elasticity	EN 310:1993	N/mm²	---	---	2700	2700	2600	2500	2300
Surface Soundness	EN 311:2002	N/mm²	1.2	1.2	1.2	1.2	>1.2	>1.2	>1.2
Dimensional Movement Length/Width	EN 318:2002	%	0,4	0,4	0,4	0,4	0,4	0.4	0.3
Dimensional Movement Thickness	EN 318:2002	%	10	10	10	6	6	6	5
Surface Absorption (two Faces)	EN 382-1:1993	mm	>150	>150	>150	>150	>150	>150	>150
Grit Content	ISO 3340:1976	% Weight	≤ 0.05	≤ 0,05	≤ 0,05	≤ 0,05	≤ 0,05	≤ 0,05	≤ 0,05
Moisture Content	EN 322:1993	%	7+/-3	7+/-3	7+/-3	7+/-3	7+/-3	7+/-3	7+/-3

TOLERANCE ON NOMINAL DIMENSIONS

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm						
			2.5	2.6-4	>4-6	>6-9	>9-12	>12-19	>19-30
Thicknesses	EN 324-1:1993	mm	+/-0,15	+/-0,15	+/-0,15	+/-0,20	+/-0,20	+/-0,20	+/-0,20
Lenght & Width	EN 324-1:1993	mm	-	+/-2 mm/m, máx 5mm	+/-2 mm/m, máx 5mm	+/-2 mm/m, máx 5mm	+/-2 mm/m, máx 5mm	+/-2 mm/m, máx 5mm	+/-2 mm/m, máx 5mm
Squareness	EN 324-2:1993	mm/m	+/-2	+/-2	+/-2	+/-2	+/-2	+/-2	+/-2
Edge Straightness	EN 324-2:1993	mm/m	+/-1,5	+/-1,5	+/-1,5	+/-1,5	+/-1,5	+/-1,5	+/-1,5

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

These physical-mechanical values comply with upon the values established in European standard EN 622-5:2009, Table 3. - Requirements for general-purpose boards for use in dry conditions (Type MDF).

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.

This product holds NAF (No Added Formaldehyde) exemption from the California Air Resources Board (CARB2) and the US EPA TSCA Title VI.

This product is manufactured using formaldehyde-free resins (NAF).

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.

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,

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etc.