

Finsa Infinite Tricoya®

TECHNICAL DATA

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm							
			3-4	>4-6	>6-9	>9-12	>12-19	>19-25	>25-30	>30-40
Density (*)	EN 323:1993	kg/m³	770-750	740	740	730-725	725-680	675-660	665	660
Internal Bond	EN 319:1993	N/mm²	0.90	0.90	0.80	0.80	0.80	0.75	0,7	0.7
Thickness Swelling 24h	EN 317:1993	%	3.5	3.0	2.5	2.0	1.5	1.3	1,1	1,1
Bending Strength	EN 310:1993	N/mm²	32	32	30	27	20	18	18	18
Modulus of Elasticity	EN 310:1993	N/mm²	3600	3600	3500	3200	2800	2400	2300	2300
Internal Bond after Boil Test, Option 2 (V100)	EN 1087-1:1995 / EN 319:1993	N/mm²	0.70	0.70	0.65	0.65	0.65	0.60	0,55	0,50
Surface Soundness	EN 311:2002	N/mm²	1.3	1,3	1,2	1,2	1,2	1,2	1,2	1,2
Reaction to fire	EN 13501-1:2018	Euroclass	E	E	E	E	D-s2, d0 (**)	D-s2, d0	D-s2, d0	D-s2, d0
Dimensional Movement Length/Width	EN 318:2002	%	0.12	0.12	0.10	0.10	0.10	0.10	1,1	1,1
Dimensional Movement Thickness	EN 318:2002	%	1.5	1.5	1.0	1.0	1.0	1.0	1,0	1,0
Surface Absorption (two Faces)	EN 382-1:1993	mm	> 150	> 150	> 150	> 150	> 150	> 150	> 150	> 150
Moisture Content	EN 322:1993	%	3 +/-2	3 +/-2	3 +/-2	3 +/-2	3 +/-2	3 +/-2	3 +/-2	3 +/-2

TOLERANCE ON NOMINAL DIMENSIONS

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm							
			3-4	>4-6	>6-9	>9-12	>12-19	>19-25	>25-30	>30-40
Thicknesses	EN 324-1:1993	mm	+/-0,15	+/-0,15	+/-0,2	+/-0,2	+/-0,2	+/-0,3	+/-0,3	+/-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.	+/- 2 mm/m, máx +/- 5 mm.	+/- 2 mm/m, máx +/- 5 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	+/- 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	+/-1,5

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

(**) Thickness ≥18 mm. Thickness < 18 mm class E.

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.

The wood used by Finsa in the manufacture of Infinite Tricoya® panels is a variable mix of softwood, which complies with the EUTR/EUDR regulation and comes from legal sources, being controlled wood under the PEFC and FSC criteria. The person or entity using/receiving the product is obliged to evaluate the risks for workers who are going to process/transform it based on local legal health and safety requirements, implementing the necessary controls in order to provide adequate preventive measures: e.g. manual handling of loads, dust extraction in case of cutting/sanding/machining, use of personal protective equipment, etc.