



FINSA

solutions in wood

FINSA INFINITE TRICOYA

TECHNICAL DATA-AVERAGE VALUES

Rev: 23/09/2021

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm					
			3/4	>4/6	>6/<9	9/12	>12/19	>19/25
DENSITY (*)	EN 323	kg/m ³	820/800	800/770	770/740	730/725	725/680	675/660
INTERNAL BOND	EN 319	N/mm ²	0.90	0.90	0.80	0.80	0.80	0.75
BENDING STRENGTH	EN 310	N/mm ²	32	32	30	27	20	18
MODULUS OF ELASTICITY	EN 310	N/mm ²	3600	3600	3500	3200	2800	2400
THICKNESS SWELLING 24 H	EN 317	%	3.5	3.0	2.5	2.0	1.5	1.3
DIMENSIONAL MOVEMENT LENGTH/WIDTH	EN 318	%	0.12	0.12	0.10	0.10	0.10	0.10
DIMENSIONAL MOVEMENT THICKNESS	EN 318	%	1.5	1.5	1.0	1.0	1.0	1.0
SURFACE SOUNDNESS	EN 311	N/mm ²	1.3	1,3	1,2	1,2	1,2	1,2
SURFACE ABSORPTION (TWO FACES)	EN 382-1	mm	> 150	> 150	> 150	> 150	> 150	> 150
MOISTURE CONTENT	EN 322	%	3 +/-2	3 +/-2	3 +/-2	3 +/-2	3 +/-2	3 +/-2
REACTION TO FIRE	EN 13501-1	Euroclass	E	E	E	E	D-s2,d0 (**)	D-s2,d0
INTERNAL BOND AFTER BOIL TEST (OPTION 2)	EN 1087-1 / EN 319	N/mm ²	0.70	0.70	0.65	0.65	0.65	0.60
SOUND ABSORPTION COEFFICIENT (A) (250 A 500 HZ)	EN 13984:2004+A1:2015	α	0.10	0.10	0.10	0.10	0.10	0.10
SOUND ABSORPTION COEFFICIENT (A) (1000 A 2000 HZ)	EN 13984:2004+A1:2015	α	0.20	0.20	0.20	0.20	0.20	0.20
THERMAL CONDUCTIVITY	EN 13984:2004+A1:2015	W/ (m·K)	0.14	0.14	0.13	0.13	0.12	0.11
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1:2015	db	NPD	NPD	24	25	28	30
WATER VAPOUR PERMEABILITY DRY CUP	EN 13986:2004+A1:2015	μ	31	30	28	26	25	23
WATER VAPOUR PERMEABILITY WET CUP	EN 13986:2004+A1:2015	μ	21	20	18	17	16	14
BIOLOGICAL DURABILITY USE	EN 335	Class of use	4	4	4	4	4	4
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1:2015	ppm	< 5	< 5	< 5	< 5	< 5	< 5

TOLERANCE ON NOMINAL DIMENSIONS

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm					
			3/4	>4/6	>6/<9	9/12	>12/19	>19/25
THICKNESS	EN 324-1	mm	+/-0,15	+/-0,15	+/-0,2	+/-0,2	+/-0,2	+/-0,3
LENGTH/WIDTH	EN-324-1	mm	+/- 2	+/- 2	+/- 2	+/- 2	+/- 2	+/- 2
			mm/m, máx +/- 5 mm.	mm/m, máx +/- 5 mm.	mm/m, máx +/- 5 mm.	mm/m, máx +/- 5 mm.	mm/m, máx +/- 5 mm.	mm/m, máx +/- 5 mm.
SQUARENESS	EN 324-2	mm/m	+/- 2	+/- 2	+/- 2	+/- 2	+/- 2	+/- 2
EDGE STRAIGHTNESS	EN-324-2	mm/m	+/-1,5	+/-1,5	+/-1,5	+/-1,5	+/-1,5	+/-1,5

(*) VALUES TO BE CONSIDERED AS A ROUGH GUIDE ONLY.

(**) Thickness ≥18mm. Espesor < 18 mm clase E.

FINSA INFINITE TRICOYA is manufactured with formaldehyde-free resins.

FINSA INFINITE TRICOYA is approved by the Air Resources Board of the State of California (CARB) and comply with phase 2 requirements on low formaldehyde emissions and with US EPA TSCA Title VI.

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Non dangerous product. Adequate ergonomic techniques and IPEs must be used when handling. Dust generated in cutting, sanding, drawmilling and other processes must be extracted from the working environment with the usual procedures in the wood industry as industrial vacuum systems and IPEs use must be observed according to law.