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SOFTWOOD & PANEL SOLUTIONS FOR PROFESSIONALS
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Declaration of Performance (DoP) Finsa Infinite Tricoya®

Reference number DoP: DOP_HBVS_49_EN_v1

Identification code of the product type

Finsa Infinite Tricoya®
Sustainable modified wood fibre panel.

Intended use

Outdoor use in the most extreme environments.

Certification

System of assessment and verification of the constancy of performance

No. 305/2011

Harmonised norm

EN 13986:2004+A1:2015

Identification number of the notified body

avcp 4

Declared performances

Technical data – average values

Properties	Test method	Units	Thicknesses in mm					
			3/4	**>4/6**	**>6/<9**	**9/12**	**>12/19**	**>19/25**
Density (*)	EN 323	Kg/m3	820/800	800/770	770/740	730/725	725/680	675/660
Internal bond	EN 319	N/mm2	0,90	0,90	0,80	0,80	0,80	0,75
Bending strength	EN 310	N/mm2	32	32	30	27	20	18
Modulus of elasticity	EN 310	N/mm2	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/mm2	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 (tabla 8 EN EN 13986:2006+A1:2015)	EN 13501-1	Class	E (**)	E (**)	E (**)	D-s2,d0 (***)	D-s2,d0 (****)	D-s2,d0 (**)
Internal bond after boil test (option 2)	EN 1087-1 / EN 319	N/mm2	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 :2005	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 in 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 mm/m, max	+/- 2 mm/m, max	+/- 2 mm/m, max	+/- 2 mm/m, max	+/- 2 mm/m, max	+/- 2 mm/m, max

			+/- 5 mm	+/- 5 mm	+/- 5 mm	+/- 5 mm	+/- 5 mm	+/- 5 mm
Squareness	EN 324-2	Mm/m	+/- 2	+/- 2	+/- 2	+/- 2	+/- 2	+/- 2
	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. (**) Commission Decision 2007/348/EC.
(***) Mounted without an air gap behind the FINSA INFINITE TRICOYA. Mounted with a closed air gap not more than 22 mm behind the FINSA INFINITE TRICOYA classificationD-s2,d2. Classification E for any other more restrictive condition. Commission Decision 2007/348/EC.
(****) Mounted without an air gap behind the FINSA INFINITE TRICOYA, or with a closed air gap behind the FINSA INFINITE TRICOYA for thicknesses equal or greater than 15mm or with an open air gap behind the FINSA INFINITE TRICOYA for thicknesses equal or greater than 18 mm. Mounted with a closed air gap not more than 22 mm behind the FINSA INFINITE TRICOYA classification D-s2,d2 in thicknesses between 10 and 18 mm. Commission Decision 2007/348/EC.
FINSA INFINITE TRICOYA is manufactured with formaldehyde-free resins.

The performance of the product identified here above is in conformity with the declared performance.

The Declaration of Performance is issued in conformity with Legislation (EU) n° 305/2011 under the sole responsibility of the manufacturer identified here below.

Manufacturer

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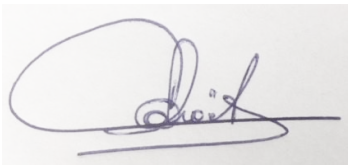
Signed by the manufacturer:



Zottegem, 10 maart 2023

NOVERPO Comm. V
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