Finsa

SUPERPAN TECH P4 DECOR IGNIFUGO

TECHNICAL DATA-AVERAGE VALUES — **Rev: 19/12/2017**

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm						
			8/<12	12/13	>13/20	>20/25	>25/32	>32/40	>40/44
DENSITY (*)	EN 323	kg/m3	760-750	730	690	680	660	650	650
INTERNAL BOND	EN 319	N/mm2	0.40	0.40	0.35	0,30	0,25	0.20	0.20
BENDING STRENGTH	EN 310	N/mm2	23	23	21	20	19	18	17
MODULUS OF ELASTICITY	EN 310	N/mm2	2900	2900	2800	2500	2200	2100	2000
THICKNESS SWELLING 24 H	EN 317	%	19	16	15	15	15	14	14
SURFACE SOUNDNESS	EN 311	N/mm2	>0,8	1,0	1,0	1,0	1,0	1,0	1,0
MOISTURE CONTENT	EN 322	%	8+/-3	8+/-3	8+/-3	8+/-3	8+/-3	8+/-3	8+/-3
FORMALDEHYDE EMISSION CLASS E1	EN ISO 12460-3	mg/(m2.h)	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5
REACTION TO FIRE	EN 13501-1	Euroclass	B-s1, d0	B-s1, d0	B-s1, d0	B-s1, d0	B-s1, d0	B-s1, d0	B-s1, d0
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	0.10
SOUND ABSORPTION COEFFICIENT (A) (1000 A 2000 HZ)	EN 13984:2004+A1:2015	α	0.25	0.25	0.25	0.25	0.25	0.25	0.25
THERMAL CONDUCTIVITY	EN 13984:2004+A1:2015	W/ (m·K)	0.15	0.15	0.14	0.14	0.13	0.13	0.13
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1:2015	db	24	26	27	29	30	31	32
WATER VAPOUR PERMEABILITY DRY CUP	EN 13986:2004+A1:2015	μ	50	50	50	50	50	50	50
WATER VAPOUR PERMEABILITY WET CUP	EN 13986:2004+A1:2015	μ	18	17	17	16	16	16	16
BIOLOGICAL DURABILITY USE	EN 13986:2004+A1:2015	Class of use	1	1	1	1	1	1	1
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1:2015	%	< 5	< 5	< 5	< 5	< 5	< 5	< 5
MECHANICAL DURABILITY	EN 13986:2004+A1:2015	Kmod Kdef	EN 1995-1:2004 3.1 & 3.2	EN 1995-1:2004 3.1 & 3.2	EN 1995-1:2004 3.1 & 3.2	EN 1995-1:2004 3.1 & 3.2	EN 1995-1:2004 3.1 & 3.2	EN 1995-1:2004 3.1 & 3.2	EN 1995-1:2004 3.1 & 3.2

TOLERANCE ON NOMINAL DIMENSIONS

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm						
			8/<12	12/13	>13/20	>20/25	>25/32	>32/40	>40/44
THICKNESS	EN 324-1	mm	+/- 0,3	+/- 0,3	+/- 0,3	+/- 0,3	+/- 0,3	+/- 0,3	+/- 0,3
LENGTH/WIDTH	EN-324-1	mm	+/- 5	+/- 5	+/- 5	+/- 5	+/- 5	+/- 5	+/- 5
SQUARENESS	EN 324-2	mm/m	+/- 2	+/- 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	+/-1,5
THICKNESS ON NOMINAL DIMENSIONS	EN 14323	mm	+/-0,3 (AI,AV) +0,5/-0,3 (AH)	+/-0,3 (AI,AV) +0,5/-0,3 (AH)	+/- 0,5	+/- 0,5	+/- 0,5	+/- 0,5	+/- 0,5
THICKNESS WITHIN THE BOARD	EN 14323	mm	max-min <0,6	max-min <0,6	max-min <0,6	max-min <0,6	max-min <0,6	max-min <0,6	max-min <0,6
LENGHT & WIDTH	EN 14323	mm	+/-5	+/-5	+/-5	+/-5	+/-5	+/-5	+/-5
FLATNESS (SOLAMENTE EN REVESTIMIENTOS EQUILIBRADOS)	UNE-EN-14323	mm/m	--	--	≤ 2	≤ 2	≤ 2	≤ 2	≤ 2

COATING PROPERTIES

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm
RESISTANCE TO SCRATCHING	EN 14323	N	≥ 1.5
RESISTANCE TO CRACKING	EN 14323	Rating	≥ 3
SURFACE ASPECT	EN 14323	Rating	4
RESISTANCE TO STAINING	EN 14323	Rating	≥ 3
COLOR RESISTANCE TO UV LIGHT (XENON LAMP)	EN 14323	Blue wool scale, nº	> 6

VISUAL DEFECTS

EDGES DAMAGED	EN 14323	mm	≤ 10
SURFACE DEFECTS. POINTS	EN 14323	mm2/m2	≤ 2
SURFACE DEFECTS. LENGHT	EN 14323	mm/m2	≤ 20

RESISTANCE TO ABRASION:	TEST METHOD	CLASS	IP NUMBER OF TURNS

RESISTANCE TO ABRASION:. DESIGNS (GENERAL APPLICATIONS)	EN 14323	1	< 50
RESISTANCE TO ABRASION. UNICOLORS AND AH PRODUCTS	EN 14323	3A	≥ 150

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

These physical-mechanical values improve/comply with the P4 classification established in EN 312:2010 European Standard, Table 6. Structural boards used in dry conditions (Type P4). Requirements for the specified mechanical and swelling properties.

This product meets Class E1 requirements (analysed according EN ISO 12460-3) as defined in EN 14322:2017 European Standard.

This product is endorsed by AITIM Quality Labels.

The quality of this product is endorsed by AITIM Quality Labels and CE Marking verified by AENOR, certificate number 0099/CPR/A65/0042.

HANDLING/STORAGE:

It must always be stored under cover and on a flat surface.
65% of humidity is the ideal condition for its storage, dryer or more moist environments should be avoided.
It must never be in direct contact with water.
Blocks must always be lined up with the vertical.
Never pile up more than 4 heights.
If the packaging is damaged during its handling, it must be packed again so the product is correctly preserved.

If the piling-up conditions or the changes in moisture or temperature above mentioned are not respected in the warehouses or the processing areas, they may cause irreversible deformations and warpings.

(SELECT)

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.