Finsa

SUPERPAN NAF

TECHNICAL DATA-AVERAGE VALUES — **Rev: 10/07/2019**

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm					
			8/13	>13/20	>20/25	>25/32	>32/40	>40-44
DENSITY (*)	EN 323	kg/m3	720-680	650-640	625	620	610	600
INTERNAL BOND	EN 319	N/mm2	0,40	0,35	0,30	0,25	0,20	0,20
BENDING STRENGTH	EN 310	N/mm2	14	14	13	12	11	11
MODULUS OF ELASTICITY	EN 310	N/mm2	2200	2100	1800	1500	1300	1300
THICKNESS SWELLING 2 H	EN 317	%	6	6	6	6	6	6
SURFACE SOUNDNESS	EN 311	N/mm2	0,8	0,8	0,8	0,8	0,8	0,8
MOISTURE CONTENT	EN 322	%	8+/-3	8+/-3	8+/-3	8+/-3	8+/-3	8+/-3
SCREW HOLDING. EDGE	EN 320	N	600	600	600	600	600	600
SCREW HOLDING. SURFACE	EN 320	N	800	800	800	800	800	800
REACTION TO FIRETABLA 8 EN 13986:2004+A1:2015 I	EN 13501-1	Class	D-s2,d0**	D-s2,d0***	D-s2,d0	D-s2,d0	D-s2,d0	D-s2,d0
REACTION TO FIRETABLA 8 EN 13986:2004+A1:2015 I	EN 13501-1	Class	Dfl-s1****	Dfl-s1	Dfl-s1	Dfl-s1	Dfl-s1	Dfl-s1
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	0.25	0.25	0.25	0.25	0.25	0.25
THERMAL CONDUCTIVITY	EN 13984:2004+A1:2015	W/ (m·K)	0.14	0.14	0.13	0.12	0.12	0.12
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1:2015	db	25	27	28	30	31	32
WATER VAPOUR PERMEABILITY DRY CUP	EN 13986:2004+A1:2015	μ	50	50	50	50	50	50
WATER VAPOUR PERMEABILITY WET CUP	EN 13986:2004+A1:2015	μ	16	16	16	16	16	16
BIOLOGICAL DURABILITY USE	EN 13986:2004+A1:2015	Class of use	1	1	1	1	1	1
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					
			8/13	>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
LENGTH/WIDTH	EN-324-1	mm	+/-5	+/-5	+/-5	+/-5	+/-5	+/-5
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.

(**) Minimun thickness 9mm.Mounted without an air gap behind the SUPERPAN NAF. Mounted with a closed air gap not more than 22 mm behind the SUPERPAN NAF classificationD-s2,d2. Classification E for any other more restrictive condition. Commission Decision 2007/348/EC.

(***) Mounted without an air gap behind the SUPERPAN NAF, or with a closed air gap behind the SUPERPAN NAF for thicknesses equal or greater than 15mm or with an open air gap behind the SUPERPAN NAF for thicknesses equal or greater than 18 mm. Mounted with a closed air gap not more than 22 mm behind the SUPERPAN NAF classification D-s2,d2 in thicknesses between 10 and 18 mm. Commission Decision 2007/348/EC

(****) Minimun thickness 9 mm.

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These physical-mechanical values improve/comply with the P2 classification established in EN 312:2010 European Standard, Table 3. Boards for indoor applications (including furniture) in dry environments (Type P2). Requirements for the specified mechanical properties.

SUPERPAN NAF boards are manufactured with formaldehyde-free resins.

SUPERPAN NAF holds NAF exemption from Air Reosurces Board of the State of California (CARB) and US EPA TSCA Title VI.

(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.