

SUPERPAN STAR

TECHNICAL DATA-AVERAGE VALUES

Rev: 22/03/2021

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm				
			16/20	>20/25	>25/32	>32/40	>40/44
DENSITY (*)	EN 323	kg/m ³	525	500	500	470	450
INTERNAL BOND	EN 319	N/mm ²	0,35	0,30	0,25	0,20	0,20
BENDING STRENGTH	EN 310	N/mm ²	11	10,5	9,5	8,5	7
MODULUS OF ELASTICITY	EN 310	N/mm ²	1600	1500	1350	1200	1050
SURFACE SOUNDNESS	EN 311	N/mm ²	> 0,8	> 0,8	> 0,8	> 0,8	> 0,8
SURFACE ABSORPTION (TWO FACES)	EN 382-1	mm	> 150	> 150	> 150	> 150	> 150
MOISTURE CONTENT	EN 322	%	8+/-3	8+/-3	8+/-3	8+/-3	8+/-3
FORMALDEHYDE EMISSION	EN 717-1	ppm	≤ 0.10	≤ 0.10	≤ 0.10	≤ 0.10	≤ 0.10
SCREW HOLDING. EDGE	EN 320	N	> 500	> 500	> 500	> 300	> 300
SCREW HOLDING. SURFACE	EN 320	N	> 600	> 600	> 600	> 600	> 600

TOLERANCE ON NOMINAL DIMENSIONS

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm				
			16/20	>20/25	>25/32	>32/40	>40/44
THICKNESS	EN 324-1	mm	+/-0,3	+/-0,3	+/-0,3	+/-0,3	+/-0,3
LENGTH/WIDTH	EN-324-1	mm	+/-5	+/-5	+/-5	+/-5	+/-5
SQUARENESS	EN 324-2	mm/m	+/-2	+/-2	+/-2	+/-2	+/-2
EDGE STRAIGHTNESS	EN-324-2	mm/m	+/-1,5	+/-1,5	+/-1,5	+/-1,5	+/-1,5

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

These physical-mechanical values fulfil P2 technical class defined in the European Standard EN 312:2010, Table 3. - Boards for interior fitments (including furniture) for use in dry conditions.

SUPERPAN STAR fulfils E1 Class requirements defined in the European Standard EN 312:2010.

(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.