

SUPERPAN TECH P6 E-Z

TECHNICAL DATA-AVERAGE VALUES

Rev: 11/01/2021

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm	
			30 / 32	>32 / 40
DENSITY (*)	EN 323	kg/m3	670	650
INTERNAL BOND	EN 319	N/mm2	≥ 0,35	≥ 0,30
BENDING STRENGTH	EN 310	N/mm2	≥ 22	≥ 20
MODULUS OF ELASTICITY	EN 310	N/mm2	≥ 2800	≥ 2800
THICKNESS SWELLING 24 H	EN 317	%	≤ 14	≤ 13
SURFACE SOUNDNESS	EN 311	N/mm2	>1,0	>1,0
MOISTURE CONTENT	EN 322	%	8+/-3	8+/-3
FORMALDEHYDE EMISSION	EN 717-1	ppm	≤ 0.05	≤ 0.05
SCREW HOLDING. EDGE	EN 320	N	≥ 800	≥ 800
SCREW HOLDING. SURFACE	EN 320	N	≥ 1000	≥ 1000
REACTION TO FIRE TABLA 8 EN EN 13986:2006+A1:2015	EN 13501-1	Class	D-s2, d0	D-s2, d0
REACTION TO FIRE TABLA 8 EN 13986:2004+A1:2015 I	EN 13501-1	Class	Dfl	Dfl
SOUND ABSORPTION COEFFICIENT (A) (250 A 500 HZ)	EN 13984:2004+A1:2015	α	≥ 0.10	≥ 0.10
SOUND ABSORPTION COEFFICIENT (A) (1000 A 2000 HZ)	EN 13984:2004+A1:2015	α	≥ 0.25	≥ 0.25
THERMAL CONDUCTIVITY	EN 13984:2004+A1:2015	W/ (m·K)	≤ 0.13	≤ 0.13
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1:2015	db	≥ 31	≥ 32
WATER VAPOUR PERMEABILITY DRY CUP	EN 13986:2004+A1:2015	μ	≥ 50	≥ 50
WATER VAPOUR PERMEABILITY WET CUP	EN 13986:2004+A1:2015	μ	≥ 17	≥ 16
BIOLOGICAL DURABILITY USE	EN 335	Class of use	1	1
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1:2015	ppm	< 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

TOLERANCE ON NOMINAL DIMENSIONS

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm	
			30 / 32	>32 / 40
THICKNESS	EN 324-1	mm	+/- 0,3	+/- 0,3
LENGTH/WIDTH	EN-324-1	mm	+/- 5	+/- 5
SQUARENESS	EN 324-2	mm/m	+/- 2	+/- 2
EDGE STRAIGHTNESS	EN-324-2	mm/m	+/-1,5	+/-1,5

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

These physical-mechanical values improve/comply with the P6 classification established in EN 312:2010 European Standard, Table 9. High performance structural boards used in dry environments (Type P6). Requirements for the mechanical and swelling properties specified.

SUPERPAN TECH P6 E-Z holds CE Certificate of conformity of the factory production control issued by the European Notified Body AENOR. Link to certificate: <https://drive.google.com/open?id=0B-Xe1750UJbXZXh3aVBnd3RmalE>

SUPERPAN TECH P6 E-Z is a low formaldehyde emission product E05 (≤ 0.05 ppm EN 717-1) and meets Class E1 requirements as defined in EN 312:2010 European Standard.

Quality of SUPERPAN TECH P6 E-Z is endorsed by AITIM Quality Certification scheme. Link to certificate: <https://drive.google.com/open?id=0B-Xe1750UJbXYTAzQ1FXZnJGODA>

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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.