

SUPERPAN TECH ENCOFORM

TECHNICAL DATA-AVERAGE VALUES

Rev: 05/10/2012

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm	
			>13/20	>20/25
DENSITY (*)	EN 323	kg/m3	720	710
INTERNAL BOND	EN 319	N/mm2	0,65	0,65
BENDING STRENGTH	EN 310	N/mm2	28	26
MODULUS OF ELASTICITY	EN 310	N/mm2	3500	3500
THICKNESS SWELLING 24 H	EN 317	%	10	10
SURFACE SOUNDNESS	EN 311	N/mm2	1,1	1,1
MOISTURE CONTENT	EN 322	%	8+/-3	8+/-3
FORMALDEHYDE EMISSION CLASS E1	EN ISO 12460-3	mg/(m2.h)	≤3,5	≤3,5
SWELLING IN THICKNESS AFTER CYCLIC TEST (V313)	EN 321 / EN 317	%	12	11
INTERNAL BOND AFTER CYCLIC TEST (V313)	EN 321 / EN 319	N/mm2	0,22	0,20

TOLERANCE ON NOMINAL DIMENSIONS

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm	
			>13/20	>20/25
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

COATING PROPERTIES

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm
RESISTANCE TO SCRATCHING	EN 14323	N	≥ 1.5
RESISTANCE TO CRACKING	EN 14323	Rating	≥ 3
RESISTANCE TO STAINING	EN 14323	Rating	≥ 3

RESISTANCE TO ABRASION:

TEST METHOD	CLASS	IP NUMBER OF TURNS
EN 14323	1	≥350

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

These physical-mechanical values improve/comply with the P5 classification established in EN 312:2010 European Standard, Tables 7 and 8. Structural boards used in moist environments (Type P5). Requirements for the specified mechanical and swelling properties. Requirements for the resistance to moisture.

SUPERPAN TECH ENCOFORM meets Class E1 requirements (analysed according EN 120) as defined in EN 312:2010 European Standard.

SUPERPAN TECH ENCOFORM holds CE Certificate of conformity of the factory production control issued by the European Notified Body AENOR, number 0099/CPR/A65/0029.

(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.