

## SUPERPAN ®

### TECHNICAL DATA-AVERAGE VALUES

Rev: 07-10-2008

TEST METHOD	PROPERTIES	UNITS	THICKNESSES mm							
			8/13	>13/20	>20/25	>25/32	>32/40			
EN 323	DENSITY (*)	kg/m <sup>3</sup>	745-700	680	660	660	660			
EN 319	INTERNAL BOND	N/mm <sup>2</sup>	0,40	0,35	0,30	0,25	<b>0,20</b>			
EN 310	BENDING STRENGTH	N/mm <sup>2</sup>	28	25	23	20	18			
EN 310	MODULUS OF ELASTICITY	N/mm <sup>2</sup>	3000	2800	2600	2400	2200			
EN 311	SURFACE SOUNDNESS	N/mm <sup>2</sup>	>0,8	>1,0	>1,0	>1,0	>1,0			
EN 382-1	SURFACE ABSORPTION (TWO FACES)	mm	>150	>150	>150	>150	>150			
EN 322	MOISTURE CONTENT	%	8+/-3	8+/-3	8+/-3	8+/-3	8+/-3			
ISO 3340	GRIT CONTENT	% Weight	≤0,05	≤0,05	≤0,05	≤0,05	≤0,05			
EN 120	FORMALDEHYDE CONTENT CLASS E1	mg/100 g	≤8,0	≤8,0	≤8,0	≤8,0	≤8,0			

### TOLERANCE ON NOMINAL DIMENSIONS

TEST METHOD	PROPERTIES	UNITS	THICKNESSES mm							
			8/13	>13/20	>20/25	>25/32	>32/40			
EN 324-1	THICKNESS	mm	+/-0,3	+/-0,3	+/-0,3	+/-0,3	+/-0,3			
EN-324-1	LENGTH/WIDTH	mm	+/-5	+/-5	+/-5	+/-5	+/-5			
EN 324-2	SQUARENESS	mm/m	+/-2	+/-2	+/-2	+/-2	+/-2			
EN-324-2	EDGE STRAIGHTNESS	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 fulfill P2 technical class defined in the European Standard EN 312:2003, Table 3. - Boards for interior fittings (including furniture) for use in dry conditions.

SUPERPAN fulfills E1 Class requirements defined in the European Standard EN 312:2003 determined by the European Standard EN 120.

SUPERPAN is covered by AITIM's Quality Mark 2-4-05 and 2-5-04.