

TESTS	PROPERTIES	THICKNESS							UNITS
		19	28	38	50	60	80	100	
									mm
EN 323	DENSITY (INDICATIVE DATA)	400	320	260	220	200	175	160	kg/m ³
EN 319	INTERNAL BOND				0.15				N/mm ²
EN 310	BENDING STRENGTH	11	10	10	7	7	5	5	N/mm ²
EN 310	MODULUS OF ELASTICITY	1100	1000	1000	900	900	700	700	N/mm ²
EN 311	SURFACE TENSION				0.8				N/mm ²
EN 322	MOISTURE				>150				%
EN 382-1	SURFACE ABSORPTION (BOTH FACES)				7+/-3				mm
ISO 3340	SILICA CONTENTS				≤ 0.05				% weight
EN 120	FORMALDEHYDE CONTENTS CLASS E1				≤8				mg/100g

tolerance in nominal dimensions

TESTS	PROPERTIES	THICKNESS	UNITS
EN 324-1	THICKNESS	+/-0.5	mm
EN 324-1	LENGTH AND WIDTH	+/- 2 mm/m (max +/- 5 mm)	mm/m
EN 324-2	SQUARENESS	+/-2	mm/m
EN 324-2	EDGE STRAIGHTNESS	+/-1,5	mm/m

data table (testing method according to standard din 68874-1)

THICKNESS	COMPOSITION	DEFORMATION / DEFLECTION		
50 mm	4+42+4 mm	5 min.	14 days	28 days
50 mm	4+42+4 mm	1.1 mm	1.7 mm	1.8 mm

Notes: Distance between stands: 975 mm. Applied load: 150 Kg /m². Maximum deflection accepted by the standard 9.75 mm

standard dimensions (mm)

1220 x 2440
1220 x 3050
2100 x 2850

Other properties, sizes or thicknesses: upon request