

MaDeFibra / MaDeFibra E
(Medium Density
Fiberboard)

QUALITY CERTIFICATE

CQ-003 (I)
Rv-09
Date: 02/02/16

Certify that the product specifications comply with the methods and standard requirements established on ANSI A208.02 2009 and NBR 15316-2: 2015.

Properties	Unit	Process Value (★)					
		Products Thickness mm / (Inches)					
Nominal Thickness	mm (inches)	2.5 – 3 (1/9 - 1/8)	4.8 -6.4 (3/16 –1/4)	9.5 (3/8)	12.7 – 15.9 (1/2 – 5/8)	17 - 19 (2/3 - 3/4)	25.4 (1)
Density (Average)	Kg/m ³ (lb/ft ³)	850 (53)	810 (50)	740 (46)	700 (44)	690 (43)	700 (44)
Density Range	%	6	4	3			
Internal Bond (Minimum)	N/mm ² (psi)	0.9 (131)			0.54 (78)		
Modulus of rupture (Minimum)	N/mm ² (psi)	28.9 (4,192)					
Modulus of Elasticity (Minimum)	N/mm ² (psi)	2.792 (405,000)					
Thickness Swelling (Maximum)	%	50 %	30 %	15 %	11 %		
Screw-holding Face (Minimum)	N (pounds)	-			1201 (270)		
Screw-holding Edge (Minimum)	N (pounds)	-			1001 (225)		
Moisture (Dry Basis)	%	≤ 9					
Thickness Tolerance	mm (inches)	± 0.125 (± 0.005")					
Length and Width	mm (inches)	± 2.0 (± 0.08")					
Squareness	mm/m (inches/m)	≤ 2.0 (≤ 0.08")					
Edge Straightness (Maximum)	mm/m (inches/m)	≤ 1.5 (≤ 0.06")					
Formaldehyde	CARB (ASTM D6007)	P2	ppm	0,13	0,11		
	Perforator	E1	mg/100g	≤ 8			
		E2	mg/100g	> 8 ≤ 30			

The values given in this Certificate of Quality refers to average results obtained under laboratory test performed by Duratex in accordance to procedures based on standards and methodologies mentioned above. Therefore, there may be slight variations in these values in tests reproduced in other laboratories and under other conditions.

The above specifications attempts to the ANSI A 209.1 Grade 230 (≤ 9,5 mm) and Grade 130 (>9,5 mm).

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(Technological Development Manager)