

Technical Specification	CQ.: 007	REV.: 004	February 24th, 2022
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The parameters indicated in this Certificate of Quality refer to values specified in EN 622-5:2009. The tests results performed by BERNECK, according to standard procedures and methodologies, are in compliance and exceed the specifications listed below.

Properties	Units	Thickness (mm)						
		HDF			MDF			
		1,8 a 2,5	>2,5 to 4,0	> 4,0 to 6,0	> 6,0 to 9,0	> 9,0 to 12,0	> 12,0 to 19,0	> 19,0 to 30,0
Thickness	mm	± 0,2			± 0,2	± 0,3		
Length and Width (Maximum)	mm	± 5,0						
Squareness (Maximum)	mm/m	≤ 2,0						
Average Density - Variation	%	± 7						
Internal Bond (Minimum)	N/mm <sup>2</sup>	0,65	0,65	0,65	0,65	0,60	0,55	0,55
Modulus of Rupture - MOR (Minimum)	N/mm <sup>2</sup>	23	23	23	23	22	20	18
Modulus of Elasticity - MOE (Minimum)	N/mm <sup>2</sup>	NA	NA	2.700	2.700	2.500	2.200	2.100
24 Hour Thickness Swell (Maximum)	%	45	35	30	17	15	12	10
Residual Moisture Content	%	4 to 11						
Formaldehyde Emissions – Class E1	mg/100g	≤ 8						

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