

Technical Specification	CQ.: 001	REV.: 007	September 22th, 2025					
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The parameters indicated in this Certificate of Quality refer to values specified in **NBR 15.316-2:2019**. 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 a 4,0	> 4,0 a 6,0	> 6,0 a 9,0	> 9,0 a 12,0	> 12,0 a 19,0	> 19,0 a 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 ²	0,65	0,65	0,65	0,65	0,60	0,55	0,55
Modulus of Rupture - MOR (Minimum)	N/mm ²	23	23	23	23	22	20	18
Modulus of Elasticity - MOE (Minimum)	N/mm ²	NA	NA	2.700	2.700	2.500	2.200	2.100
24 Hour Thickness Swell (Maximum)	%	50	40	30	17	15	12	10
Residual Moisture Content	%	4 a 11						
Formaldehyde Emissions – Class E2	mg/100g	> 8 ≤ 20						

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