

TECHNICAL SPECIFICATION

CQ.: 005

REV.: 010

September 22th, 2025

The parameters indicated in this Certificate of Quality refer to values specified in **NBR 14.810-2:2024**. 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)					
		> 6 a 13	> 13 a 20	> 20 a 25	> 25 a 32	> 32 a 40	> 40
Thickness		± 0,3					
Length and Width (Maximum)		± 5,0					
Squareness (Maximum)		≤ 2,0					
Average Density - Variation		± 7					
Internal Bond (Minimum)		0,40	0,35	0,30	0,25	0,20	0,20
Surface Soundness (Minimum)		1,0	1,0	1,0	1,0	1,0	1,0
Modulus of Rupture - MOR (Minimum)		11,0	11,0	10,5	9,5	8,5	7,0
Modulus of Elasticity - MOE (Minimum)		1.800	1.600	1.500	1.350	1.200	1.050
24 Hour Thickness Swell (Maximum)		22	22	18	18	16	16
Residual Moisture Content		5 a 13					
Formaldehyde Emissions – Class E2	mg/100g	> 8 ≤ 20					

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