

PEMBROKE MDF SPECIFICATIONS

Grade	Pembroke Standard		
	< 1/4" to < 0.354" (9)	≥ 0.354" (9) to < 7/8"	≥ 7/8 to 1"
Thickness, in (mm)			
Density, lb/ft ³ (kg/m ³)	46+ (740)	41.8 (668)	42.5 (680)
Internal Bond , psi	90 *	90	80
MOE, psi (Mpa)	600,000 (4,100)	500,000 (3,450)	425,000 (2,930)
MOR, psi (Mpa)	4,350 (30)	4,000 (28)	3,800 (26.2)
Face Screw hold, lbf		320	305
Edge screw pull, lbf		280	270
Thickness Swell, %	18	12	10
Squareness, in	± 1/8	± 1/8	± 1/8
Length & Width, in	± 1/16	± 1/16	± 1/16
Formaldehyde e.	Carb 2	Carb 2	Carb 2

1. Moisture content is 5 % ± 1 %
 2. Formaldehyde emissions under EPA TSCA Title VI - Mill ID 218
 3. Thickness tolerance is ± 0.005 inches.
 4. The above properties have been tested in accordance with ANSI A208.2-2016 Medium Density Fiberboard for Interior Applications
 5. All the physical properties are an average of our quality control system using as reference the test method described in ASTM D 1037 -12 "Standard Test Methods for Evaluating Properties of Wood-Base Fiber and Particle Panel Materials"
- *: Product not recommended for lamination process.




Cesar Solis - Pembroke Quality Manager