

TECHNICAL SPECIFICATIONS

SURFACE LAYERS / THICKNESS COMBINATIONS

	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 3/8"	1 1/2"	1 5/8"	1 3/4"	1 7/8"	2"	2 1/4"	2 1/2"	2 3/4"	3"
HDF 1/8"	✓	✓	✓		✓	✓	✓		✓		✓	✓	✓	✓	
MDF 1/4"			✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓
Particleboard 3/8"					✓	✓	✓		✓	✓	✓	✓	✓	✓	✓

DIMENSION TOLERANCES

	PANOLITE™		PANOLITE PLUS™		PANOLITE ELEMENT™	
Length and Width Tolerance	± 0.250"	± 6.0 mm	± 0.250"	± 6.0 mm	± 0.063"	± 1.6 mm
Thickness Tolerance	± 0.025"	± 0.6 mm	± 0.025"	± 0.6 mm	± 0.025"	± 0.6 mm

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	PANOLITE™ Properties for a selected panel type: 1 3/4" (45 mm) panel with 3/8" (9,5mm) Tafipan M2 surface layer at 65% RH	
Modulus of Rupture (MOR)	1,820 psi	12.6 N/mm ²
Modulus of Elasticity (MOE)	333,500 psi	2300 N/mm ²
Compressive Strength	38 psi	0.26 N/mm ²
Internal Bond (IB) - Unfinished particleboard	10 psi	70 kPa
Melamine coated particleboard	16 psi	115 kPa
Screwholding (face, surface panel)	202 lb	900 N
Formaldehyde Emissions (surface panel)	< 0.09 ppm (CARB phase 2)	
Climatic Dimensional Stability (65% to 95% RH over 45 days - Thickness change)	0.25% (face material) 0.21% (panel)	
Moisture Content	10% maximum	

WEIGHT ADVANTAGE

