



**TorZo Panel Specifications**

Property/Test Criteria	Indure	Orient™	Durum™	Parda™	Tiikeri™	Blue Stain Pine	Denim	Hemp	Units
Material Type	Acrylic infused MDF board	Acrylic infused OSB board	Acrylic infused wheat stalk board	Acrylic infused particle board	Acrylic infused sorghum board	Acrylic infused blue stain pine board	Acrylic infused recycled denim board	Acrylic infused hemp board	
Thickness (ASTM D1037)	1/2	1/2	5/8	1/2	5/8	5/8	1/2	3/8	inches
Density (ASTM D2395)	78	72	72	76	62	N/A	73	70	Lbs./ft <sup>3</sup>
Internal Bond (ASTM D1037)	887	498	325	735	112	N/A	322	92	Lbs./in <sup>2</sup>
Modulus of Rupture (ASTM D1037)	8,300	8,823	7,432	4,477	4,693	N/A	4,118	2,397	Lbs./in <sup>2</sup>
Modulus of Elasticity (ASTM D1037)	737,000	1,281,514	897,792	797,295	586,629	N/A	406,761	550,473	Lbs./in <sup>2</sup>
Janka Hardness (ASTM D1037)	7,792	4589	4225	4897	1642	2502	3076	3100	Lbs., Janka Ball
Screw Holding Face (ASTM D1037)	843	751	672	762	287	699	746	434	Lbs req'd to pull 1" #10 sheet metal screw
Screw Holding Edge (ASTM D1037)	952	729	681	618	158	706	950	372	Lbs req'd to pull 1" #10 sheet metal screw
Linear Expansion (ASTM D1037)	0.07	0.07	0.13	0.17	0.06	0.01	N/A	0.18	% dimensional change in length & width due to humidity change from 50%-80% RH
Moisture Content (ASTM D4442)	4	2	2.5	3	3.5	3	4	3	%, oven-dry basis
Fire Rating* (ASTM E-84)	B	C	B	B	C	C	C	B	Class

Updated 10/08/2014