



Physical Properties

Properties	Softwood Veneer Core	Hardwood Veneer Core	Tropical Veneer Core
Wood Species	Douglas Fir, Hemlock, Pine, White Fir, Balsam, Larch, etc.	Poplar	Douglas Fir, Hemlock, Pine, White Fir, Fuma
Number of Plies ¾" Panel	7	7	7
Blanks or 1 Step	Both	Blank	Both
HPVA Core Grade	K or L	K or L	K or L
Size	4x6, 4x8, 4x10	4x8	4x6, 4x8, 4x10
Oversize Availability?	Yes	Yes	Yes
Dimensional Stability	Good	Good	Good
Finished Tolerance (DHA)	+0/- .047	+0/- .047	+0/- .047
Density	31±5 pcf	31±5 pcf	26±5 pcf
MOR (Perpendicular to the Face)	6000+ psi	6000+ psi	3200+ psi
MOR (Parallel to the Face)	5000+ psi	5000+ psi	3500+ psi
MOE (Perpendicular to the Face)	900,000+ psi	900,000+ psi	415,000+psi
MOE (Parallel to the Face)	700,000+ psi	700,000+ psi	450,000+psi
Screw Hold (Face)	350 lbs	250 lbs	250 lbs
Screw Hold (Edge)	300 lbs	200 lbs	240 lbs
Water Absorption (% 24hrs)	N/A	N/A	N/A
Thickness Swell (% 24hrs)	N/A	N/A	N/A
Janka Hardness	741 lbs	700 lbs	400 lbs
Wt./M ft ²	965 lbs	965 lbs	827 lbs
Glue Chemistry	ULEF	Soy	ULEF
Formaldehyde Fuming Ave (ULEF)	Below .05ppm	Below .05ppm	Below .05ppm
Formaldehyde Standard	CARB Phase 2 and TSCA Title VI Certified		
Flame Spread Rating	Class C		
Environmental Certification	FSC, Environmental Product Declaration Available		

Note: All physical properties change from panel to panel depending on the natural characteristics of the wood used to make the panel.

Continued on back

Properties	Pro-Core	Particleboard Core	MDF Core
Wood Species	Douglas Fir, Hemlock, Pine, White Fir, Balsam, Larch, etc.	Fir/Pine	Fir/Pine
Number of Plies ¾" Panel	7 or 9	3	3
Blanks or 1 Step	Both	Blank	Blank
HPVA Core Grade	K or L	N/A	N/A
Size	4x6, 4x8, 4x10	4x6, 4x8, 4x10	4x6, 4x8, 4x10
Oversize Availability?	Yes	Yes	Yes
Dimensional Stability	Very Good	Excellent	Very good
Finished Tolerance (DHA)	+0/- .047	+0/- .047	+0/- .047
Density	40±5 pcf	46±5 pcf	42±5 pcf
MOR (Perpendicular to the Face)	4900+ psi	3300+ psi	1300+ psi
MOR (Parallel to the Face)	7800+ psi	6400+ psi	4500+ psi
MOE (Perpendicular to the Face)	485,000+ psi	405,000+ psi	320,000+ psi
MOE (Parallel to the Face)	900,000+ psi	850,000+ psi	630,000+ psi
Screw Hold (Face)	345 lbs	240 lbs	240 lbs
Screw Hold (Edge)	200 lbs	250 lbs	200 lbs
Water Absorption (% 24hrs)	16.7%	8%	13.1%
Thickness Swell (% 24hrs)	4.3%	3.2%	3.9%
Janka Hardness	779 lbs	1044 lbs	794 lbs
Wt./M ft ²	1258 lbs	1437 lbs	1319 lbs
Glue Chemistry	ULEF	ULEF	ULEF
Formaldehyde Fuming Ave (ULEF)	Below .05ppm	Below .05ppm	Below .05ppm
Formaldehyde Standard	CARB Phase 2 and TSCA Title VI Certified		
Flame Spread Rating	Class C		
Environmental Certification	FSC, Environmental Product Declaration Available		

Note: All physical properties change from panel to panel depending on the natural characteristics of the wood used to make the panel.