



Introducing...

# Performance CORE

## THE ENGINEERED PLYWOOD PANEL

- No Added Urea Formaldehyde
- Meets 2009 CARB requirements for Urea Formaldehyde emissions
- 100% Canadian White Aspen
- Domestic face and back veneers
- Calibrated core, great for flat line finishing
- Superior deflection properties (MOE)
- Enhanced screw holding
- Superior moisture resistance
- Void free engineered core
- UV finished one side or two
- Thicknesses available: 1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1" and more
- Panel size: 48.5"x96.5"



3/4" Panels	Details	Measurement	Longlac Performance CORE	Longlac Multi-CORE	Veneer Core	Particle Board Core	Medium Density Fibre Core
MOR	Parallel	PSI	6400	3230	5245	5100	6000
MOE	Parallel	PSI x 1000	862	490	660	730	800
Internal Bond	Pressure to pull apart	PSI	90	90	95	100	115
Thickness Swell	24 hour soak	Percentage	6.8	5.1	5.6	15	N/A
Linear Expansion	Parallel	Percentage	0.3	0.3	0.3	0.45	0.47
Thickness Tolerance	Core only no veneers	.000 + or -	+ or -.005	+0, .020	+0, .030	+or -.005	+or -.005
Screw Holding	Face	lbf	408	406	367	334	330
	Edge	lbf	325	370	246	250	300
Urea Formaldehyde Emissions	Urea Formaldehyde Off Gassing	ppm	0.00	0.06	0.08	0.25	0.30
Weight per Panel	3/4" 4' x 8' sheet less face veneers	lbs	76	75	66	82	92

• Based on independent lab testing

**Longlac**  
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