



KOROLITE ENGINEERED PANEL STRUCTURES LTD

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TECHNICAL INFORMATION ON K-PLUS ROOFING PANEL

Table 4

MAXIMUM ALLOWABLE TRANSVERSE LOAD

Tests were based on ICC-ES AC04 Acceptance Criteria for Sandwich Panels and ASTM E72 Standard Test Methods for Testing Strength of Panels for Building Construction

IMPERIAL MEASURE

Thickness inches	Deflection	Panel Span (ft)	
		11.50	19.50
		psf	
6	L/360	36.00	7.00
	L/240	36.00	7.00
	L/180	36.00	7.00
8	L/360	41.00	16.00
	L/240	41.00	16.00
	L/180	41.00	16.00
10	L/360	48.00	20.00
	L/240	48.00	20.00
	L/180	48.00	20.00

METRIC MEASURE

Thickness mm	Deflection	Panel Span (m)	
		3.5	5.9
		Pa	
152.4	L/360	1724.00	335.00
	L/240	1724.00	335.00
	L/180	1724.00	335.00
203.2	L/360	1963.00	766.00
	L/240	1963.00	766.00
	L/180	1963.00	766.00
254	L/360	2298.00	958.00
	L/240	2298.00	958.00
	L/180	2298.00	958.00

***The above data is for general information only. Korolite Engineered Panel Structures is not responsible for determining the implications of loads applied to a structure for wind factors on wall panels or live or dead loads on ceiling and roof systems. Engineering approved specifications should be applied project by project.

NOTE: Allowable ultimate load was compared to the allowable loads at L/360, L/240 and L/180 deflections. The lowest value was taken as the allowable load.

If you require the full testing data, please contact our office at (604) 534-8626 or toll free at 1-800-663-8162 or go online to our website to obtain a full pdf technical report

www.mansonvilleplastics.com

