



# 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

#### METRIC 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

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, L240 and L180 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](http://www.mansonvilleplastics.com)

