

# KOROLITE ENGINEERED PANEL STRUCTURES LTD

19402 - 56 Ave. Surrey, B.C. Canada V3S6K4



## TECHNICAL DATA FOR PANELS

Table 2

Panel Thickness	mm (in.)	50 (2)	100 (4)	150 (6)	200 (8)	250 (10)
EPS Core		Type1	Type1	Type1	Type1	Type1
Panel Weights Based on 26 ga steel, 1# cu/ft eps	lbs/sqft	2.18	2.35	2.54	2.72	2.91
Thermal Resistance RT (°F.ft <sup>2</sup> .hr.)/(BTU.in) RSI (m <sup>2</sup> .°C)/W	ASTM C518-91 @ 75°F (23.8°C)	8.34 1.47	16.68 2.94	25.02 4.40	33.40 5.88	41.70 7.34
Thermal Resistance RT (°F.ft <sup>2</sup> .hr.)/(BTU.in) RSI (m <sup>2</sup> .°C)/W	ASTM C518-91 @ -25°F (-31.66°)	10.34 1.82	20.68 3.64	31.02 5.46	41.36 7.28	51.70 9.10
Thermal Conductance Imperial Units BTU/(ft <sup>2</sup> .hr.°F) SI Units w/(m <sup>2</sup> .°C)	ASTM C518-91 @ 75°F (23.8°C)	0.12 0.68	0.06 0.34	0.04 0.23	0.03 0.17	0.024 0.14
Thermal Conductance Imperial Units BTU/(ft <sup>2</sup> .hr.°F) SI Units w/(m <sup>2</sup> .°C)	ASTM C518-91 @ -25°F (-31.66°C)	0.096 0.55	0.048 0.27	0.032 0.18	0.024 0.14	0.019 0.11

**CFIA approved, and meets USDA requirements under part 16 (sanitation)**  
**ULC/ORD C376 Full-Scale Room Burn certified**

For further information please contact our office at (604) 534-8626. Our toll free number for Canada and the USA is 1-800-663-8162 or visit our web site at [www.mansonvilleplastics.com](http://www.mansonvilleplastics.com)