



**Product:** *Transit, Panel- Single Pane of Glass*  
**Product Code:** *6648 Transit, Wood and 15" Glass Element*  
**Manufacture:** Location: Toronto (LEED - CI & NC - 5.1)  
**Contact:** Your sales representative  
 US: 877-TEKNION (835-6466)  
 Canada: 416-661-3370  
 International: 416-661-3370



**Design:** Due to the various furniture system requirements of the Transit Panel, the product is by design very durable. This durability attribute along with its integral design feature of changeable elements and height frame extension add ons, all contribute to extending the life of the product. Most components on the product can also be disassembled for recycling separation at end of life

**Manufacturing:** Components manufactured using an Auto nesting program, gives a high yield of material usage. The use of a Powdercoat finish has virtually eliminated VOC's and the overspray is recovered and re-applied.

LEED - NC & CI  
Credit 4.1 & 4.2

Material	Product		Recycled Content						Ability to Recycle (% recyclable)
			Total Recycled		Pre Consumer		Post Consumer		
	lbs	%	lbs	%	lbs	%	lbs	%	
Steel	56.8	39.2%	17.6	12.2%	4.55	8.0%	13.07	23.0%	100.0%
Aluminum	9.5	6.6%	2.6	1.8%	1.92	20.2%	0.65	6.8%	100.0%
Zinc	0.4	0.3%	0.0	0.0%	0.00	0.0%	0.00	0.0%	100.0%
Powder Coat	0.4	0.3%	0.0	0.0%	0.00	0.0%	0.00	0.0%	0.0%
Particleboard	67.4	46.5%	67.4	46.5%	67.43	100.0%	0.00	0.0%	0.0%
PVC	0.9	0.6%	0.0	0.0%	0.00	0.0%	0.00	0.0%	100.0%
Glass	9.4	6.5%	1.9	1.3%	0.94	10.0%	0.94	10.0%	0.0%
Other Materials	0.0	0.0%	0.0	0.0%	0.00	0.0%	0.00	0.0%	0.0%
<b>Total (Product)</b>	<b>145.0</b>	<b>100.0%</b>	<b>89.5</b>	<b>61.7%</b>	<b>74.8</b>	<b>51.6%</b>	<b>14.7</b>	<b>10.1%</b>	<b>46.7%</b>

Steel - Recycled content based on percentages from **Steel Recycling Institute of North America**

LEED - CI  
Credit 4.5

	Green Building Council	Greenguard	Grade
<b>Formaldehyde</b>	0.05 ppm	0.025 ppm	<b>PASS</b>
<b>TVOC</b>	0.5 mg/m3	0.25 mg/m3	<b>PASS</b>
<b>Total Aldehydes</b>	0.1 ppm	0.05 ppm	<b>PASS</b>
<b>4-phrnylcyclohexene</b>	0.0065 mg/m3	0.00325 mg/m3	<b>PASS</b>

*Doug Hietkamp*

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Director of Sustainable Development Programs