



# PLATEDOOR

Westhill Innovation products are designed and developed with sustainability in mind

Our PlateDoor composite panels are engineered for the most demanding dry van applications. Yet these unique composite panels offer weight reduction as well as increased stiffness performance at an affordable price

Westhill Innovation composite panels are:

- Manufactured virtually 100% from recycled materials
- Standard PlateDoor is 0.5" thick (13mm)
- Available in a range of dimensions that can be tailor designed for your specific applications
- Manufactured in North America

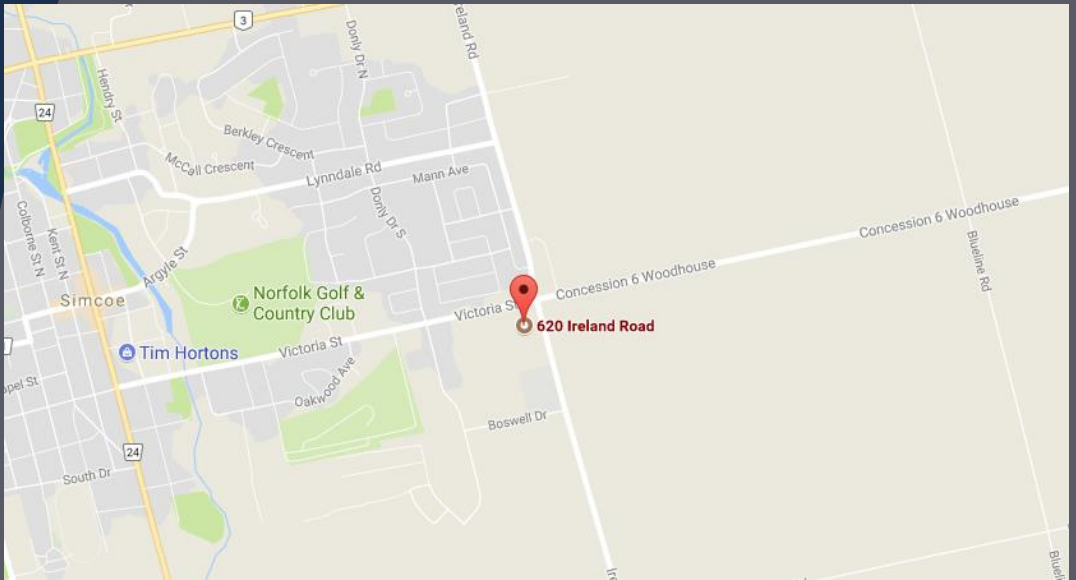


## Stiff, Strong, and Ultra Lightweight All in One

Skin <sup>1</sup>	G90 galvanized Grade 80 steel pre-painted with a polyester based paint	
Core	Proprietary core sheets from recycled materials	
Panel thickness	0.5" (13mm)	
Panel Width <sup>2</sup>	48.12"	
Panel Length <sup>2</sup>	109.75"	
<small><sup>1</sup> other metal skins are available upon inquiry.  <sup>2</sup> other lengths/widths are available upon inquiry.</small>		
Weight	125.75 lbs	
Adhesive Bond Strength (lbf/in)	ASTM D1781	40-60
Flexural Strength (lbf)	ASTM C393	752
Puncture Strength (lbf)	Custom Test	Passed
Puncture Energy (lbf.in)	Custom Test	Passed
Water Absorption (%)	ASTM D570	<0.24%
Salt Fog Spray	ASTM B117	Passed
Humidity	ASTM D2247	Passed
Chemical Resistance <sup>3</sup>	ASTM D1308	No Effect

<sup>3</sup> 3% Acetic Acid, 70% Nitric Acid, Diesel Fuel, Ethylene Glycol, Sodium Hydroxide, Boiling Water.

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# POWER IN *MOTION*



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