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Letter Report No. 102100169TOR-002c  
Project No. G102100169

Amy Lau  
Powerhouse Products Inc.  
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Port Coquitlam, BC  
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e-mail: amyl@power-house.ca

Subject: Evaluation of Thickness and Open Area of Vertibreak™ Rainscreen Insulation

Dear Amy,

This letter represents the results of an engineering evaluation conducted Vertibreak™ Rainscreen Insulation supplied by Powerhouse Product Inc.

The evaluation was performed to determine compliance with the 2010 National Building Code of Canada (NBC), Section 9.27.2.2, Item 1b and 2012 British Columbia (BCBC) Section 9.27.2.2, Item 1b.

This evaluation was authorized by signed proposal number 500593752, dated April 15, 2015. The evaluation was conducted at the Intertek facility located at 6225 Kenway Drive, Mississauga, Ontario using standard calculations. The physical dimensions based on measurements of the sample provided, together with the relevant requirements specified in NBC and BCBC are shown in Table 1, below.

Table 1 Vertibreak™ Rainscreen Insulation			
Physical Property	Test Result	Requirement	Pass/Fail
Material Thickness, mm	10.01	10 minimum	Pass
Cross-sectional Area, % open	84.2%	80 minimum	Pass

Based on the information detailed in Table 1, Vertibreak™ Rainscreen Insulation met the thickness requirement and open area % of the 2010 National Building Code of Canada (NBC), Section 9.27.2.2, Item 1b and 2012 British Columbia (BCBC) Section 9.27.2.2, Item 1b.

If there are any questions regarding the results contained in this report, or any of the other services offered by Intertek, please do not hesitate to contact the undersigned. Please note this Letter Report does not represent authorization for the use of any Intertek certification marks.

Reported by:	Scott Hallam, B.Eng.	Reviewed by:	Dave Beauchamp, B.Sc.
Title:	Technical Analyst	Title:	Building Products Manager
Signature:		Signature	

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Steel Door Institute

Letter Report G100020717TOR-002A  
September 22, 2010