

December 11, 2017

Letter Report No. 103295707COQ-001C

Blair Holliday
Excell Railing Systems Ltd.
306 – 12886 Anvil Way
Surrey, BC V3W 8E7
Canada

Ph: 604-501-0151
Fx: 604-501-0155
email: blairh@excellrailing.com


Subject: Findings Letter Report 103295707COQ-001C

Dear Mr. Holliday,

Intertek has conducted concentrated load testing on your aluminium post product in accordance with Section 1607.8.1.1 *Concentrated Load* of the 2015 International Building Code (IBC). The post sample was submitted to the Evaluation Center on December 6, 2017 (Coquitlam ID# VAN1712111006-001). The post was placed into a universal testing frame and loaded using a 5k lbf capacity S-type load cell (Intertek ID# P60692, cal due August 4, 2018) and hydraulic ram. The sample was loaded to 500 lbf and held for a period of 1 minute. Upon completion of the proof load, the post was further loaded until failure. Testing has been completed and results of the testing can be found below:

Table 1. Test Results			
Description	Ultimate Load (lbf)	500 lbf Proof Load	Mode of Failure
Knotwood 2-9/16 in. post @ 46 in., fascia post inside welded fascia pocket, 4 screws #14 x 1 tek screws	536	Pass	Post kinked at top of fascia bracket

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.

Completed by: Chris Chang, P.Eng.
Engineer
Title: Building Products
Signature: 

Reviewed by: Baldeep Sandhu
Manager
Title: Building Products
Signature: 