



6225 Kenway Drive
Mississauga, Ontario
CANADA, L5T 2L3

Telephone: (905) 678-7820
Facsimile: (905) 678-7131
www.intertek.com

November 30, 2012

Letter Report No. 100978348TOR-001L
Project No. G100978348

Richard Bergman
Titan Building Products
Unit 71-5450 Canotek Road
Ottawa ON K1J 9G6

Phone: (866) 577-8868
Fax: (613) 224-9713
email:richardbergman@rogers.com

Subject: R&D Testing of Titan Railing 4 X 4 Primus Post Anchor Samples

Dear Mr. Bergman,

This letter represents the results of the evaluation of three (3) Titan Primus 4X 4 anchor samples, evaluated in compression.

Samples evaluated were fastened to twenty (20) inch long SPF posts using 4 equally spaced 3/8" X 5" lags about the centre. The assembly was placed onto the Table of a Universal Testing machine (inventory number 280-01-0015 calibration due Oct 2013) and compressed to the loads found below.

Vertical Compression Test of 4 X 4 Primus Post Anchor				
Specimen	Load at initial steel deformation (lbf)	Load at which steel tube contacted table max (lbf)	Max load achieved (lbf)	Comments
3	4800	25000	56880	At maximum load wood split around lags
4	5000	24000	53681	At maximum load wood split around lags
5	4700	22000	51934	At maximum load wood split around lags

This investigation was authorized by signed proposal number 500416834, dated November 26, 2012.

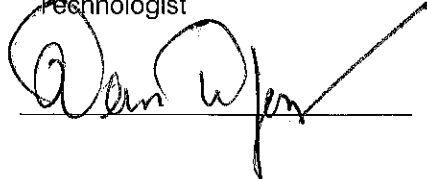
Samples were evaluated on November 29, 2012. Sample preparation and testing was conducted at the Intertek facility located at 6225 Kenway Drive, Mississauga, Ontario.

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.

Reported by: Gabriel Fernandes
Title: Technician

Reviewed by: Vern Jones
Title: Technologist

Signature: 

Signature: 

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