Exova
2395 Speakman Dr.
Mississauga
Ontario
Canada
L5K 1B3

T: +1 (905) 822-4111
F: +1 (905) 823-1446
E: sales@exova.com
W: www.exova.com

Testing. Advising. Assuring.

Report No.: 16-06-M0266-A-AAMA-TC

Issue Date: March 27, 2017

Northern Facades
6435 Northwest
Mississauga, Ontario
L4V 1K2

Attn: Mr. Marco Santos
Tel: 647-999-3665
E-mail: Marco.Santos@Northernfacades.com

"Axiom Panel System":

At the request of Northern Facades, Exova was retained to evaluate an exterior panel system identified as the "Axiom Panel System" having panel thickness from 2 mm to 3 mm in accordance with AAMA 508-14 for pressure equalization behavior and water penetration resistance as outlined in Proposal number 16-006-408331, Revision1.

Summarized Test Results Exova Specimen No.: 16-06-M0266-A		
Test	**Results**	**Results**
Pressure Equalization Behaviour AAMA 508-14, Section 5.5 – *Referencing ASTM E1233 (Modified)*	Did not exceed pressure differential and maximum time shift pulse	**Meets Requirement**
Water Penetration AAMA 508-14, Section 5.6 – *Referencing ASTM E331-00 (16)*	Test Pressure, Pa (psf): 300 (6.24)	**Pass** Less than 5% of wetted area
Uniform Load Structural AAMA 508-14, Section 5.7 – *Referencing ASTM E330-14*	Test Pressure, Pa (psf): ±1410 (30.00)	**Pass** No permanent Deformation
Dynamic Water Penetration AAMA 508-14, Section 5.7 – *Referencing AAMA 501.1-05*	Test Pressure, Pa (psf): 300 (6.24)	**Pass** Less than 5% of wetted area

[(1)] *Fifty-six (56) 3 mm diameter holes were drilled through the Plexiglas substrate, equally spaced, 150 mm (6") above the drainage tracks. These penetrations were employed to simulate an air / water resistive barrier sheathing membrane imperfections in general accordance with AAMA 508-14, Section 5.2.2.*

Note: This document is a courtesy summary of the test results that will be officially outlined in Exova Report Number: 16-06-M0266-A-AAMA, Revision 1. This is not a comprehensive report. In future, please refer to these documents for detailed information pertaining to the test specimen configuration and construction details.

Reported by:

Sunny Ling, CET. Ext 11412
Supervisor, Building Systems
Products Testing Division

Reviewed & Authorized by:

David Wren, P.Eng. Ext 11215
Technical Manager, Building Systems and Products
Products Testing Division