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**Report No.: 16-06-M0266-A-ASTM-TC**

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**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 ASTM E283, E331 and E330 as defined in Proposal Number 16-006-408331, Revision1.

Summarized Test Results Exova Specimen No.: 16-06-M0266-A		
Test	Results	Results
Air Leakage ASTM E283	Test Pressure, Pa (psf): 75 (1.57) Allowable Air Leakage, L/s·m <sup>2</sup> (cfm/ft <sup>2</sup> ): 0.5 (0.1)	0.003 L/s m <sup>2</sup> (<0.01 CFM/ft <sup>2</sup> )
Air Leakage ASTM E283	Test Pressure, Pa (psf): 75 (1.57) Allowable Air Leakage, L/s·m <sup>2</sup> (cfm/ft <sup>2</sup> ): 0.5 (0.1)	<sup>(1)</sup> 0.64 L/s m <sup>2</sup> (0.14 CFM/ft <sup>2</sup> )
Water Penetration ASTM E331	Test Pressure, Pa (psf): 300 (6.24)	<b>Pass</b>
Uniform Load Structural	Test Pressure, Pa (psf): ±1410 (30.00)	<b>Pass</b> No permanent Deformation

<sup>(1)</sup> 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-ASTM, 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

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