

**CAN/CGSB-12.8-17**  
***Final Test Report***  
**IGMAC Certification No.: PR 12-8-022501**

**North America Glazing Corporation**  
590 Hanlon Creek Blvd # 3  
Guelph, ON  
N1C 0A1  
**Attention: Ms. Golbon Gharagozlou**

Set Number: **CBE25185**  
Manufactured: October 22, 2025  
Report No.: 1721-7597  
Report Date: January 29, 2026

Sample Description: Connector: MT Spacer: FSF Desiccant: IB Sealant: PS2 Gas Fill: Argon  
Film: Y Glaze: 3

**RESULTS**

This set of test units submitted for evaluation in accordance with the procedures outlined in the above-referenced CGSB Standard:

- MEETS the requirements for Initial argon gas fill concentration 90% or more.
- MEETS the requirements for After Weathering argon gas fill concentration 80% or more.
- MEETS the requirements for Seal Durability conventional air-filled units.
- MEETS the requirements for Decorative Inserts.

**Test results attached.**



Ahed (Eddy) Hatoum, I.G. Lab Technician



Elie Alkhoury, M. Eng. (Building Science), P. Eng.

*A copy of this report has been sent directly to the IGMAC Certification office.*

- This test report shall not be reproduced or quoted in partial form without the written approval of CAN-BEST.
- The reported test results refer only to the specimen(s) tested. No representation is made that other specimens of similar design will feature like performance.
- This test report is prepared for the consideration of the addressee only. Its contents shall not be used by any other party without the prior written consent of CAN-BEST.
- This test report is valid only for that work which was specifically requested. Neither CAN-BEST nor its employees shall be responsible for any expressed views or opinions, which fall outside the exact terms of reference.

- Any testing, inspection, research or investigation performed by CAN-BEST will be conducted in accordance with the exact terms of reference, applicable specifications and normal professional standards. Neither CAN-BEST nor its employees shall be responsible for any loss or damage resulting directly or indirectly from any default, error or omission.
- Any test report issued by CAN-BEST does not constitute certification of the tested product, which may only be granted by the Certification Authority.
- For certification testing, Client authorizes CAN-BEST to issue a copy of the test report directly to the Certification Authority.

Test samples will be held for 30 days from the date of final report, following which, the samples shall be disposed of without prior notice.

## CAN/CGSB-12.8-17

### Data Summary

IGMAC Certification No.: PR 12-8-022501

**North America Glazing Corporation**  
590 Hanlon Creek Blvd # 3  
Guelph, ON  
N1C 0A1

Set Number: **CBE25185**  
Manufactured: October 22, 2025  
Report No.: 1721-7597  
Report Date: January 29, 2026

**Attention: Ms. Golbon Gharagozlou**

Sample Description: Connector: MT Spacer: FSF Desiccant: IB Sealant: PS2  
Gas Fill: Argon Film: Y Glaze: 3

CAN-BEST's No.	Auditor's No.	Initial Seal Test	Initial Dew Point (°C) *#		Initial Gas Content** (% v/v)		Cycling or Fog Test	Final Dew Point (°C) / Fog Test Result		Final Gas Content** (% v/v)		Comments
			Dec.4, 2025		Dec.4, 2025			Jan.29, 2026		Jan.29, 2026		
			A Side	B Side	A Side	B Side		A Side	B Side	A Side	B Side	
1	5		<-73	<-73	95.2	85.6	WCT	<-73	<-73	94.3	85.0	
2	9		<-73	<-73	94.6	91.1	WCT	<-73	<-73	94.2	90.1	
3	13		<-73	<-73	93.9	92.6	WCT	<-73	<-73	92.1	91.7	
4	8		<-73	<-73	89.0	93.3	WCT	<-73	<-73	88.3	92.3	
5	7		<-73	<-73	89.2	94.4	HHC	<-73	<-73	87.4	91.8	
6	14		<-73	<-73	88.9	88.8	HHC	<-73	<-73	87.2	91.4	
7	22		<-73	<-73	88.7	91.5	HHC	<-73	<-73	83.6	88.1	
8	6		<-73	<-73	90.3	87.3	HHC	<-73	<-73	87.8	84.6	
9	11		<-73	<-73	95.1	89.0	HHC	<-73	<-73	92.7	86.7	
10	15		<-73	<-73	95.4	82.3	HHC	<-73	<-73	93.0	80.5	
11	20		<-73	<-73			HHC	<-73	<-73			
12	3		<-73	<-73			HHC	<-73	<-73			
13	16		<-73	<-73		Muntins	VFT	Pass				
14	21		<-73	<-73		Muntins	VFT	Pass				
15	2		<-73	<-73								
16	10		<-73	<-73								
17	4		<-73	<-73								
18	1		<-73	<-73								
19					<b>92.0</b>	<b>89.6</b>		<b>Average:</b>	<b>90.1</b>	<b>88.2</b>		

\*NF = No visible fog or deposit at -73°C

V = Visible deposit when viewed from angle

SL = Septum Leak (septum application problems)

NC = Not completed at request of manufacturer

# = No pass/fail criteria in CAN/CGSB-12.8-17

NLD = No leak detected

WPC = Water Present in Cavity

\*\* Gas concentration measurements were obtained in accordance with ASTM E2649-20 "Standard Test Method for Determining Argon Concentration in Sealed Insulating Glass Units Using Spark Emission Spectroscopy"

Test samples will be held for 30 days from the date of final report, following which, the samples shall be disposed of without prior notice.



# MD-16

## North America Glazing Corp. Guelph, Ontario

North America Glazing Corp.  
 Unit 3, 590, Hanlon Creek Blvd.  
 Guelph, ON N1C 0A1  
 Canada  
 Phone: 226-203-8254  
 Main Contact: Ms. Golbon Gharagozlou  
 info@northamericaglazing.com  
 Plant Contact: Mr. Keyvan Vatani Oskoei K1\_vatani@yahoo.com

**Administrative Management Systems, Inc.**  
**Administrative Office**  
 PO Box 730, 205 West Main Street  
 Sackets Harbor, NY 13685  
 Phone: (315) 646-2234  
 Fax: (315) 646-2297  
 Email: IGMAC@amscert.com

### 1) Plant and Product Basic Info

	Item	Observation
1)	Product Number	PR-12.8-022501
2)	Product Status	P
3)	Test Frequency	1
4)	Next Test Period	F25
5)	Next Multiple Airspace Test	
6)	Designated Test Lab	N/A

### 2) Basic Audit Info

	Item	Observation
1)	Audit Period	L25
2)	Visit Date	22-Oct-2025
3)	Audit or Fab (formerly Compliance or Facility)	Fab
4)	Fab: Dual / Triples	Triple
5)	Fab: Number & Size of Test Samples ((20) 355x508 mm) Additional FOG - (3) dual pane, (5) multiple cavity units for applicable Internal Components.	20 14" x 20" /5- 14" x 20" Fog No IC's
6)	Substrate-Glass Type Tested (Thickness, Clear/Coated)	4mm Clear/4mm Low E Energy Advantage
7)	Substrate Abbreviation (U=uncoated clear; C3-Soft coat non edge deleted; C2-Soft coat edge deleted; C1-Hard coat; SCF-Suspended Coat Film)	4mm U/4mm C1
8)	Edge Deleted? (Y/N)	No

9)	<b>Low E Surface # (Dual 2 or 3; Triple 3 or 4) (FOG units 2 or 5)</b>	20- Surface 3 or 4 5- Fog Surface 2 or 5
10)	<b>Fab: Desiccant # Sides filled</b>	4
11)	<b>Frame Construction - MC covers BC (A.SP.6). Change from BC to MC req. a Different IGCC # (N.SP.3).</b>	BC3/MC1/MT
12)	<b>Participant in Gas Program? (Y/N)</b>	Yes
13)	<b>Is there specific directions as to unit installation orientation (No, Yes - comment)</b>	N/A

**3) Spacer Model (Verify that it is on the reviewed components list <https://igcc.org/documents/567.pdf>)**

	<b>Item</b>	<b>Observation</b>
1)	<b>Model (Style, Thickness, Type)</b>	Super Spacer Premium 1/2"
2)	<b>Generic Type (from the Certified Product Key)</b>	FSF
3)	<b>Manufacturer</b>	Quanex

**4) Corner Model - MC covers BC (A.SP.6). Change from BC to MC req. a Different Product # (N.SP.3)**

	<b>Item</b>	<b>Observation</b>
1)	<b>Model (Style, Thickness, Type)</b>	Mylar Tape
2)	<b>Generic Type (from the Certified Product Key)</b>	MT
3)	<b>Manufacturer</b>	Quanex

**5) Desiccant (Verify that it is on the reviewed components list: <https://igcc.org/documents/573.pdf>)**

	<b>Item</b>	<b>Observation</b>
1)	<b>Model (Style, Thickness, Type)</b>	Super Spacer Premium
2)	<b>Generic Type (LF- Loose Fille, IB-Imbedded, DM-Desiccated Matrix)</b>	IB
3)	<b>Manufacturer</b>	Quanex

**6) Primary Sealant (Verify that it is on the reviewed components list: <https://igcc.org/documents/578.pdf>)**

	<b>Item</b>	<b>Observation</b>
1)	<b>Model (Style, Thickness, Type)</b>	Thiover
2)	<b>Generic Type (from the Certified Product Key)</b>	PS2
3)	<b>Manufacturer</b>	Fenzi

**7) Secondary Sealant (Verify that it is on the reviewed components list:  
<https://igcc.org/documents/578.pdf>)**

	<b>Item</b>	<b>Observation</b>
1)	<b>Model (Style, Thickness, Type)</b>	N/A
2)	<b>Generic Type (from the Certified Product Key)</b>	N/A
3)	<b>Manufacturer</b>	N/A

**8) ACPF grams/ft = weight of Desiccant Product (g) X Absorption Capacity (wt%) /5.66 X 100 (Note: For all 14 x 20 inch test specimens the perimeter is 5.66 feet) {for ref. review Certification Note - CN IG 0112}**

	<b>Item</b>	<b>Observation</b>
1)	<b>Weight of Desiccant Product (g)</b>	121
2)	<b>Absorption Capacity (wt%)</b>	6.2
3)	<b>(Desiccant (g) x wt%) / 566 =</b>	1.32

**9) Approved Alternate and Comments**

	<b>Item</b>	<b>Observation</b>
1)	<b>Approved Alternates</b>	N/A
2)	<b>Comments</b>	N/A
3)	<b>Office Note to Auditors:</b>	N/A

By checking this box we have reviewed the following referenced information: Plant Audit forms and Product Sample Receipt Forms and to the best of our knowledge, agree with the information presented as an accurate assessment of the Licensee's Certification Status and Assessment of Compliance. Further, by signing this document, the Licensee's Plant contact certifies that certification labels, as applicable, are being applied only on product eligible for certification and that have been produced in the same manner and with the same material design as certification test/evaluation

Check this Box to Confirm

---


## Signatures

---



Auditor

10/22/2025



Plant Rep

10/22/2025

Keyvan Vatani Oskoei