



Certificate of Compliance

Certificate: 70049181

Master Contract: 230398

Project: 70049181

Date Issued: October 20, 2015

Issued to: **Fabelta Aluminum Inc.**
3840 Georges Corbeil
Terrebonne, QC J6X 4J4
Canada
Attention: Guillaume Dorion, ing. jr, Département R&D

The products listed below are eligible to bear the CSA Mark shown



Mohamadou Diallo

Issued by: M. L. Diallo, Ph.D.

PRODUCTS

CLASS 8029 12 - BUILDING PRODUCTS AND MATERIALS- Windows - (Harmonized Standard)

CLASS 8029 17 - BUILDING PRODUCTS AND MATERIALS Side-hinged Doors - (Harmonized Standard)

- **Hybrid (Aluminum Cladding Vinyl certified to Harmonized Standard AAMA/WDMA/CSA 101/LS.2/A440-08 & A440S1-09**

Model/Type	Primary Product Designator	Positive Design Pressure Pa (psf)	Negative Design Pressure Pa (psf)	Water Resistance Test Pressure Pa (psf)	Canadian Air Infiltration/Exfiltration Level
Hybrid Fixed Window (Aluminum/PVC- 7 1/4")	Class CW-PG55: Size tested 1978 x 1978 mm (78 x 78 in)-FW	2640 (55.0)	-2640 (-55.0)	730 (15)	Fixed



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Hybrid Casement Window (Aluminum/PVC- 7 1/4")	Class R-PG70: Size tested 697 x 1600 mm (27 x 63 in)-C	3360 (70)	-3360 (-70)	730 (15)	A3 Level
Hybrid Casement and Fixed Combination Window (Aluminum/PVC- 7 1/4")*	Class R-PG50: Size tested 2032 x 1730 mm (80 x 68 in)-C	2400 (50.0)	-2400 (-50.0)	730 (15)	A3 Level

*Casement: Overall dimension: 35" (Wide) x 68" (High); Fixed: Overall dimension: 45" (Wide) x 68" (High)

- Aluminum Windows certified to Harmonized Standard AAMA/WDMA/CSA 101/I.S.2/A440-08 & A440S1-09**

Model/Type	Primary Product Designator	Positive Design Pressure Pa (psf)	Negative Design Pressure Pa (psf)	Water Resistance Test Pressure Pa (psf)	Canadian Air Infiltration/Exfiltration Level
Aluminum Fixed sash (7 1/2" Frame) (1002-0712 Series)	Class CW-PG60: Size tested 1981 x 1981 mm (78 x 78 in)-FW	2880 (60.0)	-2880 (-60.0)	730 (15)	Fixed
Aluminum Casement (7 1/2" Frame) (1002-0712 Series)	Class CW-PG70: Size tested 813 x 1600 mm (32 x 63 in)-Type C	3360 (70)	-3360 (-70)	730 (15)	A3 Level
Aluminum Casement Fixed sash Composite Window (7 1/2" Frame), LC Rating	Class LC-PG70: Size tested 2032 x 1727 mm (80 x 68 in)-C	3360 (70)	-3360 (-70)	730 (15)	A3 Level
Aluminum Casement Fixed sash Composite Window (7 1/2" Frame), CW Rating	Class CW-PG45: Size tested 2032 x 1727 mm (80 x 68 in)-C	2160 (45)	-2160 (-45)	730 (15)	A3 Level
1016 PURE Series Fixed	Class CW-PG100: Size tested 1829 x 1829 mm (72 x 72 in)-Type FW	4800 (100.0)	-4800 (-100.0)	730 (15.0)	Fixed Level
1016 PURE Series Hopper	Class CW-PG55: Size tested 1829 x 1016 mm (72 x 40 in)-Type AP	2640 (55.0)	-2640 (-55.0)	730 (15.0)	A3 Level



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1016 PURE Series Tilt and Turn	Class CW-PG45: Size tested 1219 x 1803 mm (48 x 71 in)-Type DAW	2160 (45.0)	-2160 (-45.0)	510 (10.5)	A3 Level
1016 PURE Series Tilt and Turn Fixed Composite Assembly Window with 6" Mullion	Class CW-PG30: Size tested 2540 x 1829 mm (100 x 72 in)-Type DAW	1440 (30.0)	-1440 (-30.0)	400 (8.25)	A3 Level
1016 PURE Series Tilt and Turn Fixed Composite Assembly Window with 6" Mullion and one additional Corner device	Class CW-PG40: Size tested 2540 x 1829 mm (100 x 72 in)-Type DAW	1920 (40.0)	-1920 (-40.0)	510 (10.5)	A3 Level

- **Aluminum Side Hinged Doors certified to AAMA/WDMA/CSA 101/LS.2/A440-08 & A440S1-09**

Model/Type	Primary Product Designator	Positive Design Pressure Pa (psf)	Negative Design Pressure Pa (psf)	Water Resistance Test Pressure Pa (psf)	Canadian Air Infiltration/Exfiltration Level
1016 PURE Series Inswing Side-Hinged Single Door, [4 locking points link bar/(4) keepers]	Class CW-PG70: Size tested 1016 x 2134 mm (40 x 84 in)-Type SHD	3360 (70.0)	-3360 (-70.0)	730 (15.0)	A3 Level
1016 PURE Series Inswing Side-Hinged Single Door, [4 locking points link bar/(4) keepers]	Class CW-PG70: Size tested 2540 x 2438 mm (100 x 96 in)-Type SHD	3360 (70.0)	-3360 (-70.0)	730 (15.0)	A3 Level

For details related to rating, size, configuration, etc. reference should be made to the CSA Certification Record or the AIR-INS test reports.

Notes:

This Certification does not extend to the substitution of materials or changes in the construction or composition of products, nor factory location without CSA prior written agreement



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APPLICABLE REQUIREMENTS

AAMA/WDMA/CSA101/I.S.2/A440-08 NAFS-North American Fenestration Standard/Specification for windows, doors, and skylights

A 440S1-09 *Canadian Supplement to AAMA/WDMA/CSA 101/I.S.2/A440*, NAFS — North American Fenestration Standard/Specification for windows, doors, and skylights

MARKINGS

1. Permanent markings, visible after installation, stamped, etched or approved permanent label:
 - a. CSA Certification Mark;
 - b. manufacturer's name or identification;
 - c. model, series, style designations, or type designation; and
 - d. Display the *applicable* standards (Standard number and edition) i.e.:
AAMA/WDMA/CSA101/I.S.2/A440-08 & A440S1-09;

2. Non-permanent markings:

Physical performance ratings shall be indicated on a label using primary and secondary designators in accordance with Clauses 4.4.2 and 4.4.3 of AAMA/WDMA/CSA 101/I.S.2/A440-08 standard & with Clauses 6. 4.1 and 6.4.2 of A440S1-09, the Canadian Supplement to AAMA/WDMA/CSA 101/I.S.2/A440 and shall include:

- a. positive design pressure;
- b. negative design pressure;
- c. water penetration test pressure; and
- d. the Canadian air infiltration/exfiltration Level.



Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
70049181	Oct 20, 2015	Class 8029 12 & 17-Certification aluminum clad vinyl windows, aluminum windows & and aluminum doors to physical as per AAMA/WDMA/CSA 101/I.S.2/A440-08 & A440S1-09. Continuation of project 70019534 where sampling was done.