

## 1. Product Name

Alumitex<sup>®</sup> Aluminum  
Facade System  
Aluminum Plate

## 2. Manufacturer

Ontario Panelization  
530 Admiral Drive  
London, Ontario, N5V 0B2  
Tel: 519-659-8900  
info@ontariopanelization.com

## 3. Product Description

### Basic Use

Exterior or interior wall panel for new construction, renovation, commercial and various other applications. Some typical uses include; exterior wall panels, fascia panels, ceiling panels, spandrel panels, beam & column covers, wall trim, accent panels and signage.

## 4. Unity<sup>®</sup> Attachment Technology

Unity<sup>®</sup> Attachment Technology: a proprietary integrated attachment technology developed and perfected by Elemex<sup>®</sup> to panelize, mount and seamlessly integrate a variety of surfaces such as: Sintered Ceramic, ACM, Aluminum Plate and other specialty veneers.

## 5. Composition and Materials

Solid 3mm (1/8") aluminum alloy (3003-H14 paint quality or 5005-H34 anodizing quality tensioned leveled sheet) is used to fabricate all Ontario Panelization plate projects. Other thicknesses and alloys are available. Aluminum sheets arrive with a option of a strippable protective film. The corners are finished with the Elemex<sup>®</sup> Tru-90<sup>®</sup> Edge precision route & return fabrication.

## 6. Finishes

The following aluminum finishes are offered as standard by Ontario Panelization  
Painted Finishes: PPG Duranar<sup>®</sup> fluoro-carbon coatings contain Kynar 500<sup>®</sup> resins in a wide range of architectural colours.

Anodized finishes: Architectural Class 1, 20um (.0007")

## 7. Sizes

Sheet sizes are available in up to a 1524mm (60") width. Length as desired up to a maximum of 3048mm (120"), depending on material availability. A standard thickness of 3mm (1/8") is recommended, although other thickness are available.



## 8. Installation

Ontario Panelization is a custom manufacturer specializing in the fabrication of aluminum composite panels. OP will fabricate the wall panels according to the project specifications and approved shop drawings. Installation is performed by a qualified installation company.

## 9. Limitations

Non-load bearing use only.

## 10. Precautions

OP takes great care to ensure that all brackets, clips or other fixing devices that come in direct contact with the panel are made from aluminum to avoid electrolytic decay. In situations where the aluminum clips could come in contact with another metal, they will be separated by an isolation tape or similar insulators to prevent corrosion from electrolytic decay.

## 11. Building Codes

OP panels meet or exceed the local building code requirements of North America.

## 12. Availability & Costs

OP can arrange to ship fabricated metal products anywhere in North America.



**ontario panelization**

THE FACE OF ARCHITECTURE

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London, Ontario, Canada N5V 0B2  
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www.ontariopanelization.com

## 13. Product Technical Data

**ASTM E330** Structural Performance of Exterior Windows, Curtain Walls and Doors under the influence of Wind Loads

**ASTM E283** Rate of Leakage through Exterior Windows, Curtain Walls and Doors

**ASTM E331** Water Penetration of Exterior Windows, Curtain Walls and Doors by Cyclic Static Air Pressure Difference

**AAMA 2605** Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels

**ISO 9001:2000** Quality Management

**CAN/ULCS114:2018** Standard Method of Test for Determination of Non-Combustibility in Building Materials

## 14. Warranty

Standard 1 year construction & 20 year paint warranty.

## 15. Maintenance

To keep aluminum architectural components attractive, a maintenance manual is available upon completion of the project. The frequency of cleaning will depend on:

- Environment atmosphere and pollution concentration
- The accumulation of debris on the aluminum finish due to weathering

### Cleaning Methods:

#### Duramar Finishes:

Duramar coatings require very little maintenance. Most surface residue may be removed using conventional detergents or solvents. Harsh chemicals or solvents and abrasive materials must not be used on Duramar coatings. Minor scratches can be touched up with a specially formulated air-dry fluoro-carbon coating system - Duramar A.D. (contact a PPG industrial Product Sales Office for further information).

#### Anodized finishes:

Wash with clean warm water; dry with a soft cloth.  
Wash with mild soap or detergent and water; scrub with a stiff bristle brush; rinse and dry.  
Apply solvent-type cleaner (kerosene, turpentine); rinse to avoid streaks and dry.  
Use a proprietary polish cleaner as directed by the manufacturer; rinse to avoid streaks and dry.  
Apply a mild abrasive cleaner with a damp cloth (jute is very effective) or soft brush; rinse with soap and water, then with clean water.

Note: Before attempting cleaning consult Ontario Panelization for a suggestion on the proper means of action.

Refer to the appropriate AAMA literature for more detailed cleaning data i.e.. suggested frequency of cleaning etc.

## 16. Technical Services

OP can provide consultation suggestions for preliminary design right through to product application, including the following: Advice for both new work and retrofit applications, Finish samples, Specification assistance, Shop drawings.

## 17. Related References

A.A.M.A. technical literature is available from the American Architectural Manufacturers Association. For referenced ASTM standards, visit the ASTM website at [www.astm.org](http://www.astm.org) or contact ASTM Customer Service at [service@astm.org](mailto:service@astm.org).

## 18. Features and Benefits



Climate Defiant



UV Resistant



Weatherproof



Endless Versatility



Completely Customizable



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