

## 1. Product Name

Ceramitex® Sintered Ceramic Facade System

## 2. Manufacturer

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

## 3. Product Description

### Basic Use

A pressure equalized Rear Ventilated Rainscreen system for exterior or interior wall panel for new construction and/or renovation for commercial or residential. Some typical uses include: exterior facades, fascia panels, spandrel panels, beam and column covers, wall trims, accent panels and signage. Limitation: Non-load bearing use only.



Vaughan Resource Library  
Vaughan, Ontario Canada

## 4. Unity® Attachment Technology

Unity® Attachment Technology: a proprietary integrated attachment technology developed and perfected by Elemex® 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

Ceramitex Sintered Ceramic Facade System was developed using superior components to produce a high-strength wall cladding. The panel consists of a sintered ceramic slab manufactured with fiberglass reinforced mesh backing adhered to the Elemex proprietary Unity™ Attachment Technology.

## 6. Finishes

Ceramitex surfaces are available in a variety of finishes and textures. Please visit the website [www.ceramitex.com](http://www.ceramitex.com) for all product finishes.

## 7. Sizes

Panels are available in 5' x 10' (1524mm x 3048mm) and 4' x 12' (1219mm x 3657mm). Standard panel thickness is 1/4" (6mm). Other thicknesses are available. Consult your representative for recommended sheet size and thickness based on application. For details and additional information contact [dboyd@ontariopanelization.com](mailto:dboyd@ontariopanelization.com).

## 8. Installation

Installation guides, specifications and videos are available. Ceramitex must be installed by a qualified installer. Ontario Panelization can provide training and certification to local installers. For additional details on installer training contact [dboyd@ontariopanelization.com](mailto:dboyd@ontariopanelization.com).

## 9. Warranty and Life Cycle

A 10-year finish material warranty (except on polished). Sintered Ceramic Panels have a 50+ year life expectancy.

## 10. Maintenance

Ceramitex Sintered Ceramic Facade panels have a surface that repels dirt, is graffiti-proof and is easily cleaned with soap and water. As the panels are UV- and impact-resistant, they maintain their appearance over time.

## 11. Technical Services

Ontario Panelization can provide consultation from preliminary design through system application, including the following:

- Finish and system samples
- Project optimization and budgeting
- Specification assistance
- Shop drawings and details



**ontario panelization**

THE FACE OF ARCHITECTURE

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## 12. Product Technical Data

**LEED ISO 14021:1999**

**ASTM C1026-10** Measuring Resistance to Freeze-Thaw Cycling

**ASTM E695-2003 (R2009)** Standard Test Method of Measuring Relative Resistance of Wall Construction to Impact Loading

**BS EN 14019-2004** Curtain Walling—Impact resistance—Performance requirements standards specification

### Fire Test Data

**CAN/ULC S102.2-10** Standard Method of Test for Surface Burning Characteristics

**CAN/ULC S114-05** Standard Method of Test for Determination of Non-combustibility in Building Materials

**NFPA 285** Evaluation of Fire Propagation Characteristics of Exterior Non-Load Bearing Wall Assemblies

**CAN/ULC S134-92** Standard Method of Fire Test of Exterior Wall Assemblies

**ASTM E84-16a** Standard Test Method for Surface Burning Characteristics of Materials

### System Technical Data

**ASTM C794** Adhesion-in-Peel of Elastomeric Structural Silicone

**AAMA 508-07** Voluntary Test Method and Specification for Pressure Equalized Rain Screen Wall Cladding Systems: Pressure Equalized Behavior and Water Penetration Resistance

**ASTM E1233** Structural Performance by Cyclic Static Air Pressure Differential

**ASTM E283-04(2012) (TAS 202-94)** Rate of Air Leakage Under Specified Pressure Difference Across the Specimen

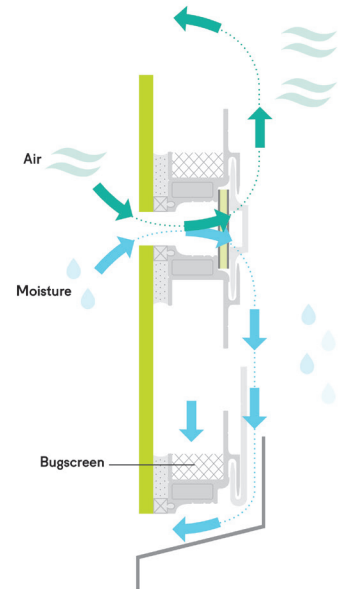
**ASTM E331-00(2009) (TAS 202-94)** Water Penetration by Uniform Static Air Pressure Difference

**ASTM E330/E330M-14 (TAS 202-94)** Structural Performance by Uniform Static Air Pressure Difference

**ASTM E1886-13a (TAS 203-94)** Performance by Missile(s) and Exposed to Cyclic Pressure Differentials

**Florida Product Approval FL21375**

## 13. Assembly Drawings



## 14. Features and Benefits



Code  
Compliant



Climate  
Defiant



Lightweight



Large  
Format



Impact  
Resistant



Mitered  
Corners



Waterproof



Graffiti  
Proof



UV  
Resistant



Scratch  
Resistant



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