

1. Product Name

Ceramitex® Sintered Ceramic Facade System by Elemex®

2. Manufacturer

Ontario Panelization
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London, Ontario, N5V 0B2
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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.

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, Solar, 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 proprietary Unity® Attachment Technology by Elemex®.

6. Finishes

Ceramitex surfaces are available in a variety of finishes and textures. Please visit our website www.ceramitex.com for all product finishes.

7. Sizes

Panels are available in sizes up to 5' x 10.5' (1500mm x 3200mm) in the 6mm thickness and 4.5' x 10.5' (1440mm x 3200mm) in the 8mm. Standard panel thicknesses are 1/4" (6mm) and 5/16" (8mm). Additional thickness available is 1/2" (12mm).

Consult your representative for recommended sheet size and thickness based on application. For details and additional information contact david@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.

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

12. Product Technical Data

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 FL26341-R0

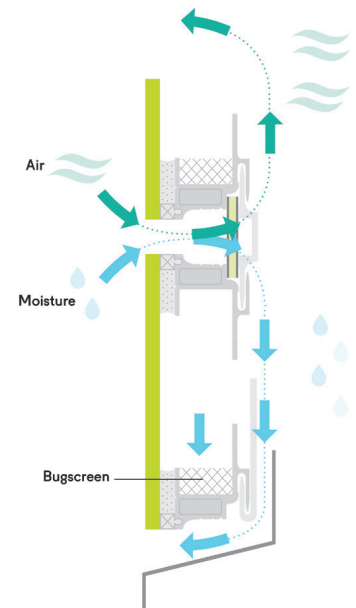
Approved for use inside HVHZ (High Velocity Hurricane Zone)

Miami-Dade County, Florida NOA No. 16-1004.05, exp September 6, 2023

General Acceptance

OTCR Office of Technical Certification and Research (NYC Department of Buildings) – Approved

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