

## 1. Product Name

Ceramitex<sup>®</sup> Sintered Ceramic Facade System

## 2. Manufacturer

Elemex Inc.  
530 Admiral Drive  
London, Ontario, N5V 0B2  
Toll Free: 1-(844)-435-3639  
info@elemex.com

Elemex<sup>®</sup> Architectural Facade Systems is the custom manufacturer of the Ceramitex Sintered Ceramic Facade System.

## 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<sup>®</sup> Attachment Technology

Unity<sup>®</sup> 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 our proprietary Unity<sup>®</sup> Attachment Technology.

## 6. Finishes

Ceramitex surfaces are available in a variety of finishes and textures. Please visit our website [www.ceramitex.com](http://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 8mm. Standard panel thicknesses are 1/4" (6mm) and 5/16" (8mm). Additional thickness available is 1/2" (12mm). Consult Elemex for recommended sheet size and thickness based on application. For details and additional information contact [info@elemex.com](mailto:info@elemex.com). For more information on our Elemex family of products visit: [www.elemex.com](http://www.elemex.com)



Vaughan Resource Library  
Vaughan, Ontario Canada

## 8. Installation

Installation guides, specifications and videos are available. Ceramitex must be installed by an Elemex qualified installer. Elemex can provide training and certification to local installers. For additional details on installer training contact [info@elemex.com](mailto:info@elemex.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

Elemex Architectural Facade Systems 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



Architectural Facade Systems  
530 Admiral Drive,  
London, Ontario, Canada N5V 0B2  
Toll free: 1-844-435-3639  
[info@elemex.com](mailto:info@elemex.com) [www.elemex.com](http://www.elemex.com)

## 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 FL26341-R3** Approved for use inside HVHZ (High Velocity Hurricane Zone)

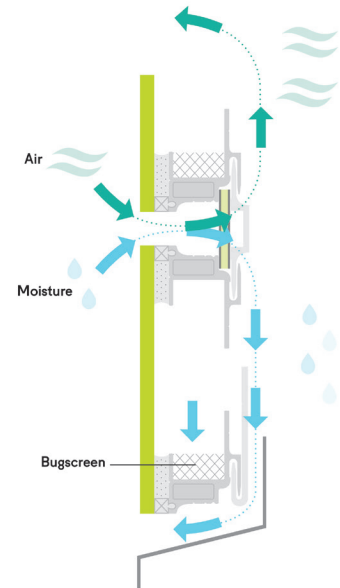
**Miami-Dade County, Florida** NOA No. 23-0901.2, exp. September 6th, 2028

**ICC-ES Evaluated, ESR-4169**

### General Acceptance

**OTCR - Office of Technical Certification & Research (NYC Dept 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



Architectural Facade Systems

530 Admiral Drive,

London, Ontario, Canada N5V 0B2

Toll free: 1-844-435-3639

info@elemex.com

www.elemex.com

ELXD-001/10-24