

1. Product Name

Stonitex® Natural Stone
Facade System

2. Manufacturer

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

Elemex® Architectural Facade Systems
is the custom manufacturer of the
Stonitex Natural Stone
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® 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,
Natural Stone and other specialty veneers.

5. Composition and Materials

Natural Stone Panels consist of a granite slab manufactured
with carbon fiber reinforced mesh backing that is adhered to
our proprietary Unity® Attachment Technology.

6. Finishes

Stonitex surfaces are available in a variety of finishes and
textures. The granite stones are cut from North American
quarries and are all slightly different. Please visit our website
www.elemex.com for product finishes.

7. Sizes

Panels are available in 4' x 8' (1219mm x 2438mm) and 5' x 9'
(1524mm x 2743mm). Standard panel thickness is 3/8" (10mm).
Consult Elemex for recommended sheet size and thickness
based on application. For details and additional information
contact info@elemex.com.
For more information on our Elemex family of products visit:
www.elemex.com

8. Installation

Specifications are available. Installation for Stonitex is similar to
other Elemex systems and 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.

9. Warranty and Life Cycle

A 1-year manufacturer, 5-year finish material warranty. Natural
Stone Panels have a 50+ year life expectancy.

10. Maintenance

Stonitex Natural Stone Facade System has a surface that is
easily cleaned with neutral cleaner/stone 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



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12. Product Technical Data

- ASTM C97** Absorption and Bulk Specific Gravity of Dimension Stone
- ASTM C99** Modulus of Rupture of Dimension Stone
- ASTM C170** Compressive Strength of Dimension Stone
- ASTM C880** Flexural Strength of Dimension Stone
- ASTM C1352** Flexural Modulus of Elasticity of Dimension Stone (in progress)

Fire Test Data

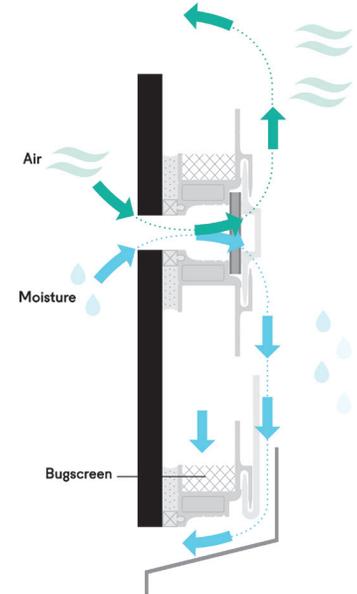
- NFPA 285** Fire Propagation Characteristics of Exterior Non-Load Bearing Wall Assemblies (in progress)
- ASTM E84** Standard Test Method for Surface Burning Characteristics of Materials (in progress)
- CAN/ULC S134-92** Standard Method of Fire Test of Exterior Wall Assemblies (in progress)
- CAN/ULC S102:2018** Surface Burning Characteristics of Building Materials (in progress)
- CAN/ULC S114** Determination of Non-Combustibility (in progress)
- ASTM E119** Fire Rating Test (in progress)

System Technical Data

- ASTM C1201** Structural Performance of Exterior Dimension Stone Cladding System (in progress)
- ASTM C794** Adhesion-in-Peel of Elastomeric Structural Silicone (in progress)
- TAS 201** Missile Impact Testing (in progress)
- TAS 202** Air and Water Penetration Testing (in progress)
- TAS 203** Pressure Cycling Testing (in progress)



13. Assembly Drawings



14. Features and Benefits



100%
Natural



UV
Resistant



Climate
Defiant



Lightweight



Design
Versatility



Mitered
Corners



Flexural
Strength



Large
Format



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