SLENDERWALL®

Architectural Precast Concrete/Steel Stud Insulated Building Panels

High Performance Precast Building Envelope

Best Quality,
Best Performance
In The Industry

Nine on the Hudson
Port Imperial, NJ

EASI SET® WORLDWIDE

SlenderWall® is an
Easi-Set® licensed product

A Choice Where Everyone Is Rewarded

SlenderWall® is a composite envelope system designed with your primary needs in mind:

- **VISUAL IMPACT**
- **VALUE**
- **LONGEVITY**
- **RISK MITIGATION**

800 Harbor
Lincoln Harbor, NJ

Who Benefits

- **ARCHITECT**
- **ENGINEER**
- **SPECIFIER**
- **CONTRACTOR**
- **DEVELOPER**
- **OWNER**

"Minimalistic or as ornate as one wishes"

"Designed & tested to exceed standards"

"Creative, functional & aesthetically pleasing"

"Reduced manufacturing & erection schedules"

"Value driven complete facade system"
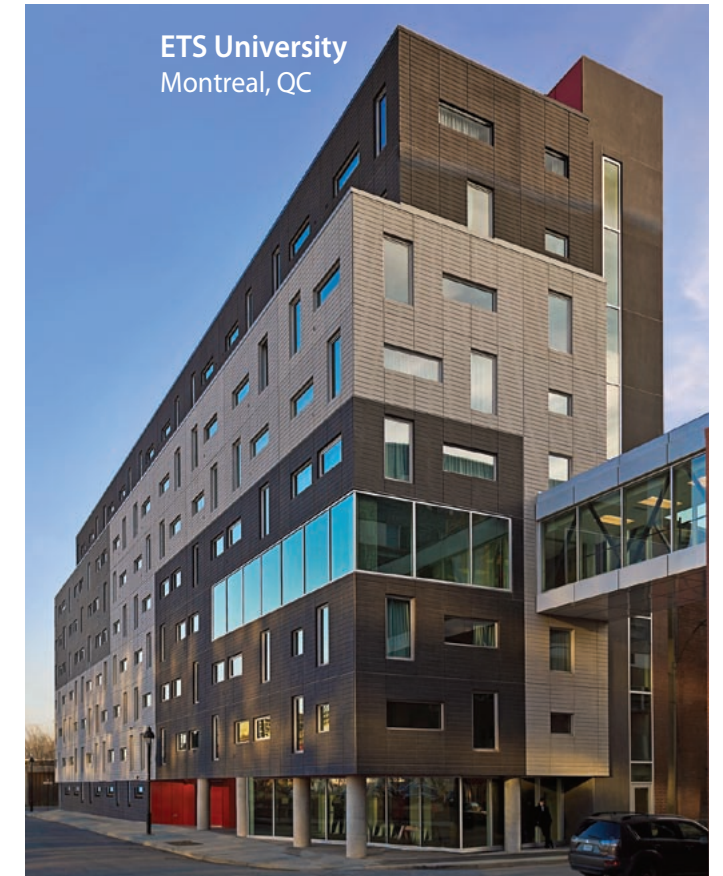
"Delivered aesthetics within budgetary goals"

Low-Rise To High-Rise Performance

A single efficient modular product that combines proven technologies for:

Bioinnovation Center
New Orleans, LA

- **NEW CONSTRUCTION**
- **RE-CLADDING**
- **OVER-CLADDING**

ETS University
Montreal, QC

The Lumen
Tysons Corner, VA

- **HEALTHCARE**
- **HOSPITALITY**
- **INSTITUTIONAL**
- **MIXED-USE**
- **MULTI-FAMILY**
- **OFFICES**
- **SCHOOLS**

Johns Hopkins
Baltimore, MD

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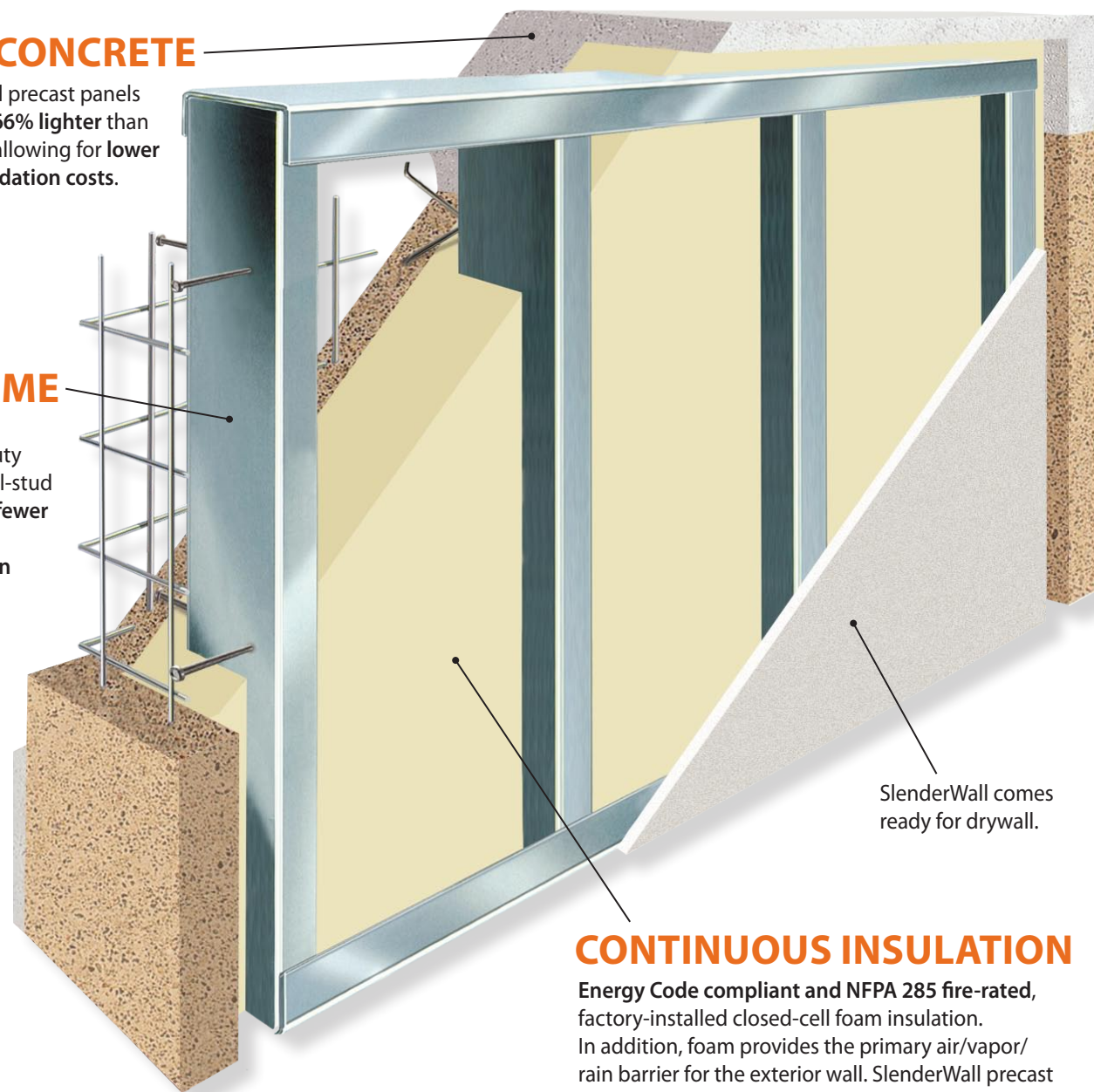
A Complete System, Inside And Out

PRECAST CONCRETE
2" thick architectural precast panels only 30 lbs. per s.f., **66% lighter** than traditional precast, allowing for **lower structural and foundation costs**.

2X REINFORCEMENT
Both high-tech fiber and welded-wire reinforcement are used in combination, **wind-load tested to 226 mph**.

STUD FRAME
Ready for drywall, integrated heavy-duty G90 galvanized steel-stud framing equates to **fewer on-site trades** and **shorter construction schedules**.
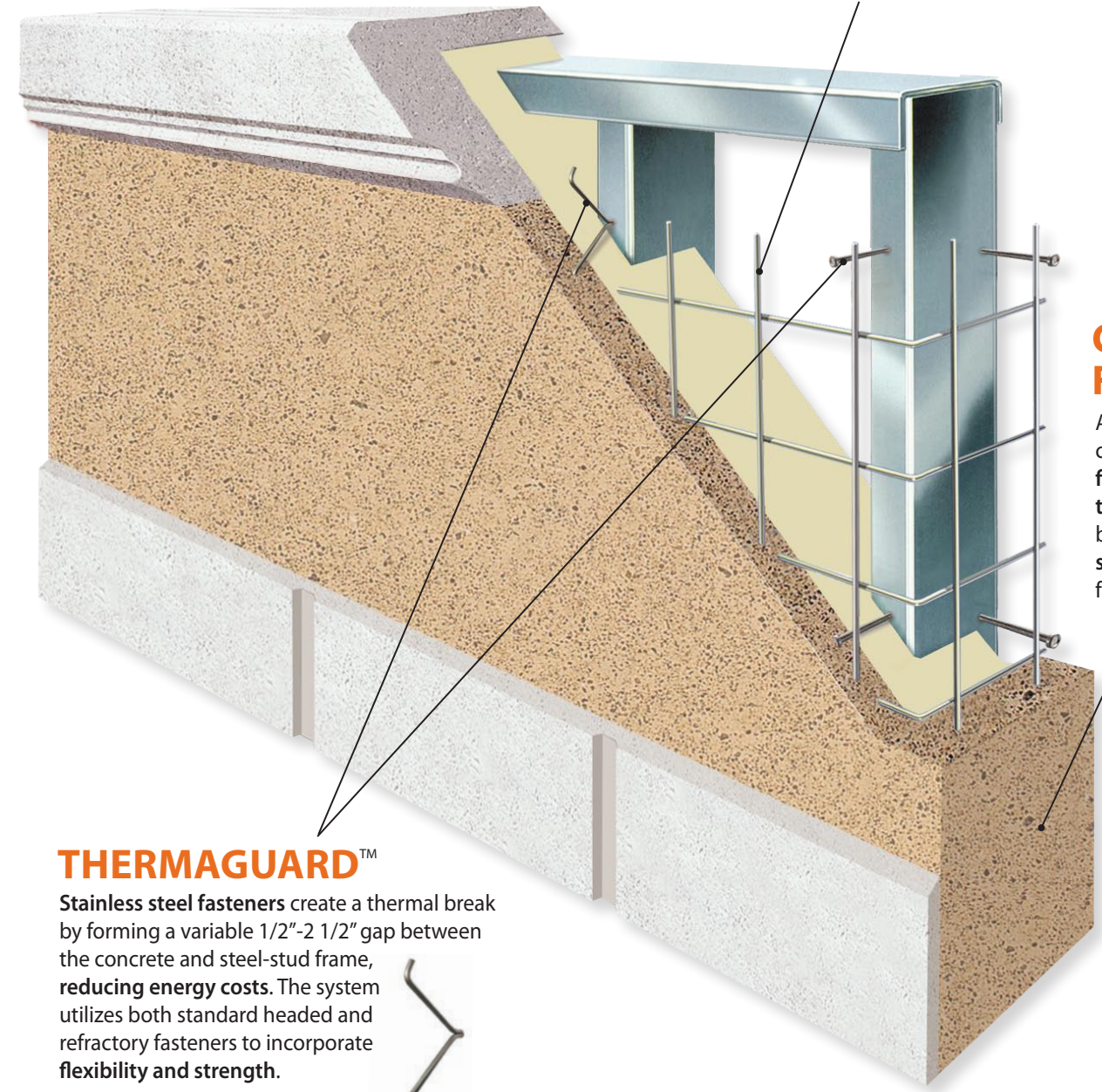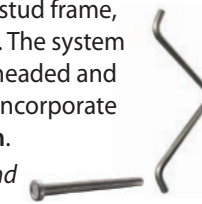
CLASS "A" FINISHES
A vast array of standard, custom and proprietary **finishes, colors and textures** including thin brick, stone veneers, **standard and custom** formed patterns.

SlenderWall comes ready for drywall.

CONTINUOUS INSULATION
Energy Code compliant and NFPA 285 fire-rated, factory-installed closed-cell foam insulation. In addition, foam provides the primary air/vapor/rain barrier for the exterior wall. SlenderWall precast building panels have been lab tested to meet **IECC Thermal Requirements from Zone 1 through 8**.

THERMAGUARD™
Stainless steel fasteners create a thermal break by forming a variable 1/2"-2 1/2" gap between the concrete and steel-stud frame, **reducing energy costs**. The system utilizes both standard headed and refractory fasteners to incorporate **flexibility and strength**.

Standard Headed and Refractory Fasteners

Our Customers "Top 10" Benefits
SlenderWall® users demand a product that looks good, meets specifications, and performs.

- **DESIGN VERSATILITY**
- **THERMAL EFFICIENCY**
- **FIRE CODE COMPLIANCE**
- **RISK MITIGATION**
- **ECONOMICS**
- **STRUCTURAL SAVINGS**
- **SPEED TO MARKET**
- **REDUCED SITE IMPACT**
- **DURABILITY & QUALITY**
- **A TURNKEY PRODUCT**
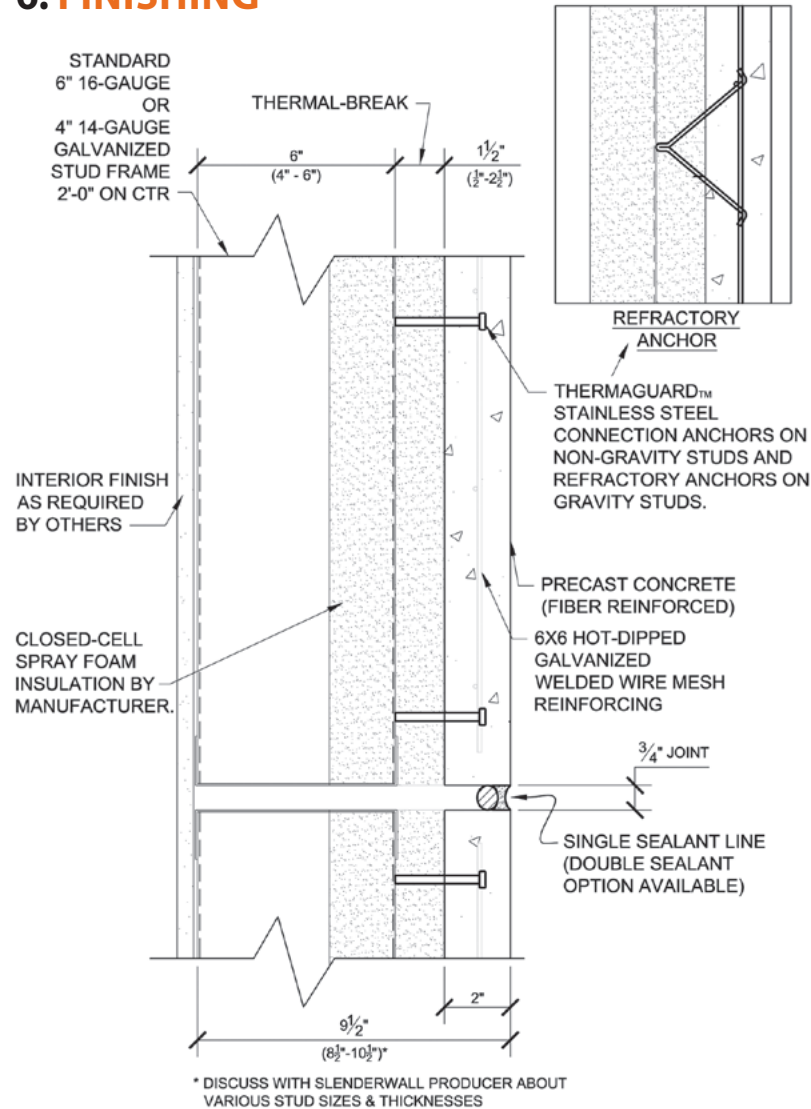
Fully Tested & Certified
All testing performed by certified independent laboratories using nationally recognized standards and methods.

- **FIRE** (ASTM E119, E2226, NFPA 285)
- **SEISMIC** (AAMA 501.4)
- **STRUCTURAL** (ASTM E330)
- **WIND** (226MPH, 130PSF, NOA #90101.05)
- **AIR** (ASTM E283)
- **WATER** (ASTM E331, AAMA 501.1, 503.3)
- **THERMAL** (AAMA 501.5, 1503, ASTM C1363)
- **SOUND** (ASTM E90)
- **BLAST** (ARA-TR-10-000739)

How It's Made

Proven materials and time-tested manufacturing methods create a durable and efficient composite panel.

1. **BUILDING THE FRAMES**
2. **CREATING THE MOLDS**
3. **MIXING AND PLACING CONCRETE**
4. **INTEGRATING THE FRAME**
5. **INSULATING**
6. **FINISHING**

STANDARD 6" 16-GAUGE OR 4" 14-GAUGE GALVANIZED STUD FRAME 2'-0" ON CTR

THERMAL-BREAK

REFRACTORY ANCHOR

THERMAGUARD™ STAINLESS STEEL CONNECTION ANCHORS ON NON-GRAVITY STUDS AND REFRACTORY ANCHORS ON GRAVITY STUDS.

INTERIOR FINISH AS REQUIRED BY OTHERS

PRECAST CONCRETE (FIBER REINFORCED)

6X6 HOT-DIPPED GALVANIZED WELDED WIRE MESH REINFORCING

CLOSED-CELL SPRAY FOAM INSULATION BY MANUFACTURER.

¾" JOINT

SINGLE SEALANT LINE (DOUBLE SEALANT OPTION AVAILABLE)

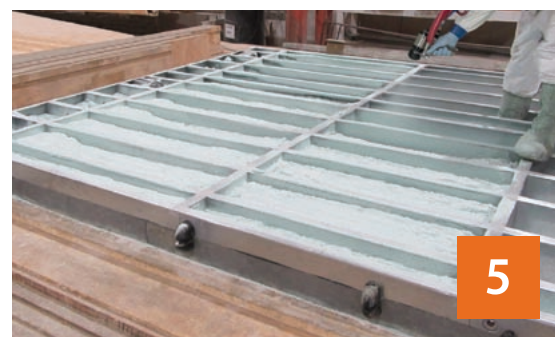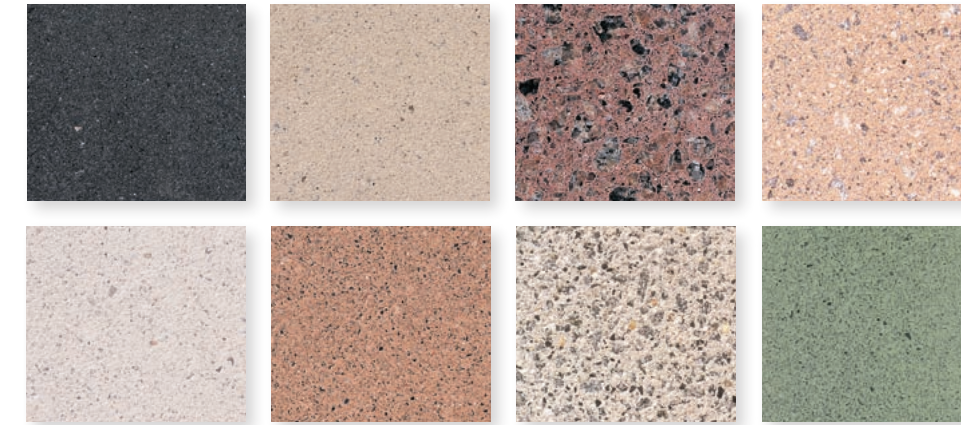* DISCUSS WITH SLENDERWALL PRODUCER ABOUT VARIOUS STUD SIZES & THICKNESSES

FACTORY WINDOWS

Optional: The installation of factory installed windows in a controlled environment provides greater control over quality, allowing for better performance, faster erection schedules, fewer on-site trades, and lower project costs.

Achieve The Look You Want

A WIDE VARIETY OF COLORS AND FINISHES

SlenderWall® producers can make panels in any color or texture found within the PCI Color and Texture Guide. Over 24 colors/500 texture options are at your disposal for limitless possibilities.

SAND BLASTING / ACID ETCHING

These are very simple but elegant solutions for finishing concrete surfaces. You can apply them across the entire panel or combine them to create custom patterns.
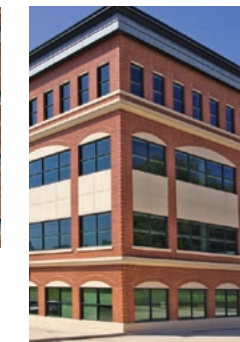
THIN BRICK

Find dozens of color and texture options using thin brick cast into the precast face.

SECOND-NATURE™ BRICK

Our exclusive Second-Nature™ brick formliners create a durable and economical hand-laid look.
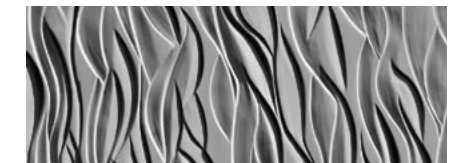
STAINS/PIGMENTS

Play with color using integral pigments in the concrete mix or surface stains.

REVEALS AND PROJECTIONS

Mimic more expensive traditional materials or create modern schemes.

FORMLINERS

You are limited only by your imagination using formliners to create a cast face finish. Choose from dozens of standard patterns or design your own unique custom look.

In A Variety Of Shapes And Sizes

- **CUSTOM DESIGNS**
- **L-SHAPES**
- **M-SHAPES**
- **PUNCH WINDOWS**
- **RADIUS**
- **SPANDRELS**

Building Envelopes for the 22nd Century

Cliffside Towne Centre
Cliffside Park, NJ

Is Your Team Ready To See More?
GO TO SlenderWall.com