High Performance Precast Building Envelope

Best Quality, Best Performance In The Industry

Nine on the Hudson
Port Imperial, NJ

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

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:

- NEW CONSTRUCTION
- RE-CLADDING
- OVER-CLADDING

Bioinnovation Center
New Orleans, LA

ETS University
Montreal, QC

The Lumen
Tysons Corner, VA

Johns Hopkins
Baltimore, MD

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

SLENDERWALL®
Architectural Precast Concrete/Steel Stud Insulated Building Panels
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.

STUD FRAME
Ready for drywall, integrated heavy-duty G90 galvanized steel-stud framing equates to fewer on-site trades and shorter construction schedules.

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.

SlenderWall comes ready for drywall.

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
Standard Headed and Refractory Fasteners

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

A vast array of standard, custom and proprietary finishes, colors and textures including thin brick, stone veneers, standard and custom formed patterns.

CLASS “A” FINISHES

All testing performed by certified independent laboratories using nationally recognized standards and methods.

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

Fully Tested & Certified

- FIRE (ASTM E119, E2226, NFPA 285)
- SEISMIC (AAMA 501.4)
- STRUCTURAL (ASTM E330)
- WIND (226MPH, 130PSF, NOA #22-0728.05)
- 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

**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.

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.

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.

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

SMITH-MIDLAND
EXCELLENCE IN PRECAST CONCRETE

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www.SmithMidland.com

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