MODULAR
CASSETTE PANELS

ARCHITECTURAL
FLASHINGS

FLUSH SEAM
REVEAL PANELS

CONCEALED FASTENER
PROFILE PANELS

EXPOSED FASTENER PROFILE PANELS

COLUMN COVERS

NEXGEN
METAL DESIGN SYSTEMS

EVOLVE
ARCHITECTURAL PANELS

DESIGN ASSISTANCE

CONSTRUCTABILITY REVIEWS

SHOP DRAWINGS

DIGITAL CAPTURE SCANNING

3D DESIGN // BIM

BUDGETING

22 Rutgers Road | Suite 201 | Pittsburgh, PA 15205 412.458.3832 www.nexgendesignsystems.com

NEXGEN
METAL DESIGN SYSTEMS

EVOLVE

ARCHITECTURAL PANELS

Architectural Panels EVOLVED.

EVOLVE by NEXGEN is a metal composite material (MCM) and plate panel series forming an alliance between distinct aesthetics and structural performance.

EVOLVE is unmatched in its versatility. Traditionally fabricated using pre-finished aluminum, this series is also available in zinc, titanium, stainless steel, copper and other natural metals.

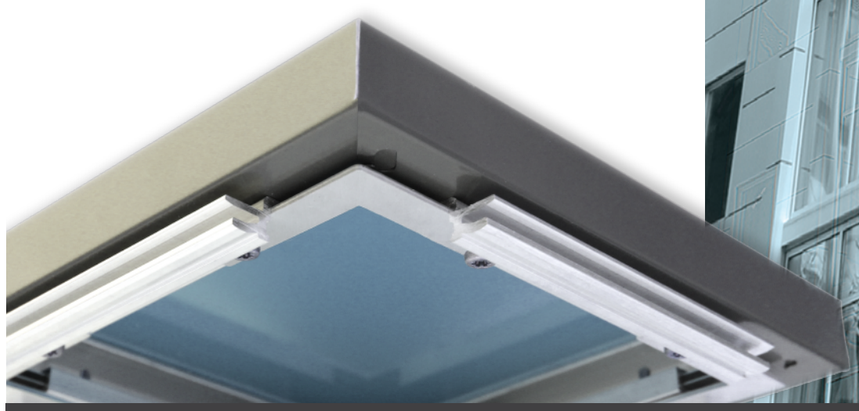
Customize your vision with a variety of specialty finishes, mod-textures, and personalized colors.

Go Rivetless

EVOLVE's patented rivetless design allows for aclean appearance while simultaneously supporting an improved installation.

The individual engagement clips also allow for natural expansion and contraction of the system.

EVOLVE panels are supported by a catalog of accesories that complement the innovative design.



The usability of EVOLVE lends itself to all custom designs including shapes, curves, perforations, and tapers. EVOLVE is tested and approved for fire, weather, wind, pressure, and temperature.

RAINSCREEN TESTING

AAMA 508-07 COMPLIANT
Voluntary Test Method and Specification for Pressure Equalized Rainscreen Wall Cladding Systems

FIRE/AIR/WATER/WIND PERFORMANCE

AAMA 501.1-05 (Dynamic)
ASTM E 1233 (Modified)
ASTM E 283 (Static)
ASTM E 330 (Static)
ASTM E 331 (Static)
NFPA 285 COMPLIANT

TESTED + CERTIFIED

ASHRAE · AAMA · ASTM INTERNATIONAL Standards Worldwide · Exova

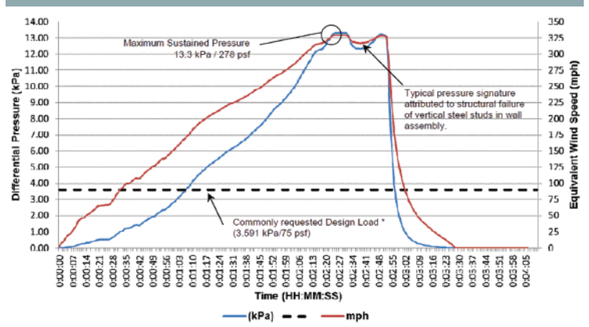
MANUFACTURING PARTNERS

ALUCOBOND · ALPOLIC · etalbond COMPOSITE MATERIALS · REYNOBOND · Alucoil · CITADEL

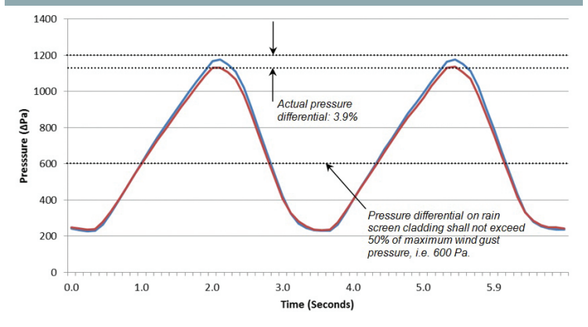
MATERIAL COMPOSITIONS

PE: 4mm | 6mm FR: 4mm | 6mm A2: 4mm | 6mm Solid Plate: 2mm | 3mm

DIFFERENTIAL PRESSURE & EQUIVALENT WIND SPEED VS. TIME
(Loading to failture in the Negative Wind Load Direction)



AAMA 508-07 - PRESSURE EQUALIZATION BEHAVIOR



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