



Gecko PRO™ Specification Editorial

PART 1 — GENERAL NOTES TO SPECIFIER:

This guide is intended to assist the design professional in specifying Gecko Wall System™ Gecko-PRO™ components in existing 3-part CSI format for interior wall lining applications using Trespa®, Arpa®, 3Form, MDF, and other suitable interior wall panel materials where a simple methodology, allowance of panel movement, simplified installation process, and modest cost are primary considerations. Sample specification language is noted at the end of this document.

PART 2 - PRODUCT:

System description; GWS™ Gecko PRO™ is an architectural grade reclaimed aluminum-based progressive interior wall panel mounting system for 1/4", 5/16", 3/8", and 1/2" solid phenolic, solid polymer, engineered wood, and other stable panels. Gecko PRO™ is singularly unique in the market in that it allows for separate expansion and contraction of each panel without distributing stress from panel to panel.

Mounted panels lock into place securely, quickly, and easily - making for rapid low-cost installation. Panels are secured into the aluminum framework via interlocking perimeter splines which secure easily into the machined panel edges. Gecko-PRO provides a unique amount of room for expansion and contraction of panels, beyond all competitive systems. Each molding simultaneously provides support, alignment, accommodation of movement, and a decorative reveal. Reveals are adjustable by fabrication, and are standard 1/4" wide.

GWS Gecko-PRO is a very simple system with components ready in stock at distribution locations. The Starter Molding runs horizontally along the bottom edge of the panel installation and it is used to start each row. Reveal Moldings can be run horizontally and vertically between panels to set the spacing and retain panels within the system. For installations with multiple rows; the Reveal Molding is run between rows to provide a matching horizontal reveal around all the panels. This simple system covers myriad installation configurations with unmatched speed, ease of use, movement allowance, and reduced cost.

SYSTEM FEATURES:

1. **Secure mounting for wall panels cost-competitive with ceramic tile (EXCLUSIVE)**
2. **System joints are loose and provide venting and expansion (EXCLUSIVE)**
3. **Installation time savings of 60-70% over Z-clips (EXCLUSIVE)**
4. **Panels are not tightly fitted, yet well secured (EXCLUSIVE)**
5. **Minimum 70% recycled content moldings (EXCLUSIVE)**
6. **Variable reveal width (EXCLUSIVE)**

PART 3- EXECUTION OVERVIEW:

Gecko PRO™ is the **only** panel mounting solution fabricated from stock components right from the distributor. Pre-packaged product ships with pre-fabricated wall panels direct to the jobsite. Gecko PRO™ cuts quickly and easily in the field with no machining requirement. Moldings are installed plumb and level. Installed panels are not designed to conceal significant out-of-plane or out-of-square issues. Panels are progressively retained within the aluminum framing via spline-on-spline secure engagement. Moldings feature integral interior spacers to allow for individual panel movement.

PART 4- SPECIFICATION OVERVIEW:

PRODUCT OPTIONS: Aluminum Reveal Molding: Brite Aluminum, Matte Black finish custom colors available.

CLEANING AND WASTE MANAGEMENT: Clean with most commonly available surface cleaners and remove any residue. Aluminum and plastic scrap can be recycled.

Gecko Wall System Performance characteristics:

Part description	Design	Capability
Starter Molding, Horizontal Reveal **	Load bearing for panels	27 Lb./ LF panel load
Wood screw lateral load	AWC (1991), 1.5" depth	115 Lbs. each (#8 fastener, min.)
Dimensional Stability	accommodation of linear thermal expansion	0.060"/ 4' minimum
Projection	Addition to total thickness	0.335" (8.5mm)

Material Qualifications

- **Materials Reuse:** 70% post-industrial T-6063 aluminum by weight.
- **Moisture:** Allows for air circulation and 1/3" airspace behind wall panels to help preclude the growth of mold or mildew. Ambient humidity must be controlled within 20% to help avoid excessive panel movement.
- GECKO WALL SYSTEM COMPONENTS guaranteed safe to be cleaned with:
 - Soapy water
 - Fantastik® Multi-Purpose Cleaner
 - Windex® Multi-Surface Cleaner with Vinegar
 - Formula 409® All Purpose Cleaner
 - Cascade 5% detergent solution
 - Kaboom® with OXI CLEAN Stain Fighter
- GECKO WALL SYSTEM may be sanitized with *Clorox® Anywhere® Hard Surface™ Daily Sanitizing Spray*. (see details from product manufacturer)

Wall Panel Hardware Specification: Wall panels shall be retained in aluminum moldings, with the moldings engaging, and secure all four edges of each panel to the subwall structure. Panel weight shall be supported in bearing fashion with bearing spanning the full width of each panel. Panel support framing shall be architectural grade aluminum alloy with minimum 70% reclaimed content by weight. Wall panels shall have minimum 0.33" air space behind to allow for air circulation behind precluding trapped air from occurring, and be aligned with consistent reveal and accommodation of no less than 0.060" of expansion/ contraction per each panel without stress transfer to any other panel. No known VOC materials are to be included in wall panel framing and supports.