

MODULAR ARCHITECTURAL WALL PANEL SYSTEM

Precision-crafted modular wall system for high-performance interiors and façades

PRODUCT OVERVIEW

Modular Wall panels are a non-progressive aluminum frame wall system that allows the integration of virtually any panel type, thickness, or finish within a single elevation. Designed for speed, precision, and enduring performance, these panels offers architects unmatched design flexibility and installation efficiency.

KEY ATTRIBUTES

- ♦ Fast Installation: Pre-drilled panels and rail system cut install time in half
- ♦ Acoustic Performance: NRC up to 1.00
- ♦ Modular Freedom: Combine finishes and thicknesses in a single elevation
- ♦ Design Versatility: Horizontal, vertical, radius, or irregular layouts
- ♦ Performance: Class “A” fire-rated, antimicrobial, chemical-resistant, acoustic, impact resistant

PERFORMANCE & APPLICATIONS

- ♦ Applications: Healthcare | Corporate | Education | Hospitality | Civic Spaces
- ♦ Performance Highlights:
 - ♦ Dimensional stability across materials and flexibility with substandard walls.
 - ♦ Precision alignment via extruded aluminum frame system
 - ♦ Field flexibility for lighting, access, and mechanical integrations

TECHNICAL SPECIFICATIONS

PANEL DIMENSIONS BY FINISH			
FINISH TYPE	PANEL WIDTHS	PANEL HEIGHTS	NOTES/CUSTOM OPTIONS
Real Wood Veneer	2', 3', 4'	8', 10'	Book- and slip-matched veneer sequencing
Compact/HPL	2', 3', 4', 5'	8', 10', 12'	Durable, impact- resistant for high-traffic interiors
Fabric	2', 3', 4'	8', 10', 12'	Acoustic panels available (NRC up to 1.00)
Custom Panels	Variable	Variable	Irregular, radius, and shaped modules

MODULAR WALL PANEL SYSTEM TECHNICAL DATA SHEET



SYSTEM COMPONENTS	
PARAMETER	SPECIFICATION
Frame Thickness	5/8" or 1-1/4" (projection options) (5/8 standard)
Panel Thickness	1/2" – 4" (3/4" MDF standard)
Reveals	1/4" – 1" (matching, contrasting, metal, or backlit, integration with outside trim options)
Layouts	Vertical / Horizontal / Radius / Irregular
Substructure	Extruded aluminum rail system – allows stand-off, utility, or lighting integration
Acoustic Rating	NRC up to 1.00 (dependent on finish and core composition)

INSTALLATION & MAINTENANCE

INSTALLATION STEPS

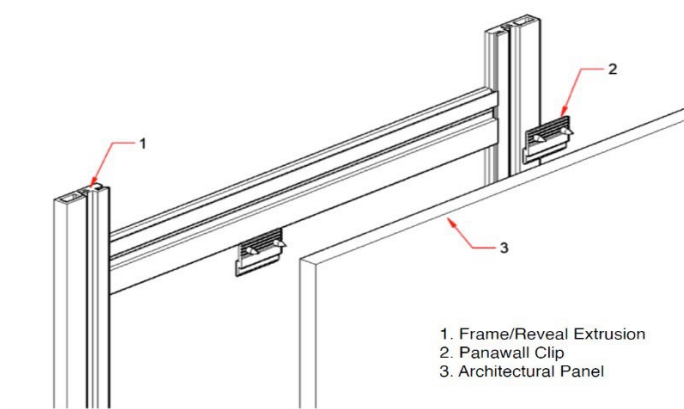
1. Level substrate and mark first horizontal extrusion per shop drawings.
2. Align vertical extrusions using a laser level.
3. Apply reveal using double-sided tape.
4. Attach Z-Clips on panel backs and secure to frame.
5. Adjust to ensure square alignment and uniform reveals.

Acclimatization: 3–5 days prior to install (RH 25–55%, 60–80°F).

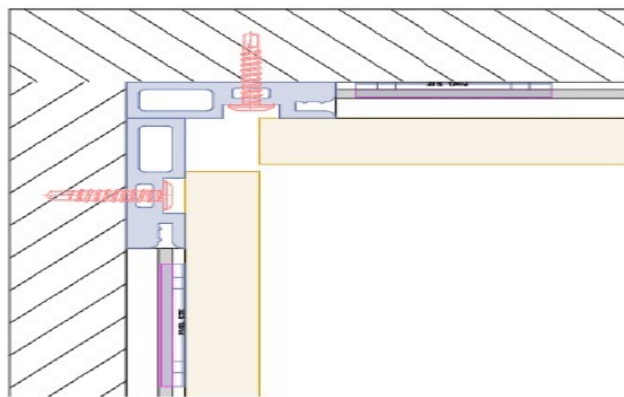
Maintenance:

- Wood Surfaces: Murphy's Oil Soap, 1–2× annually.
- HPL / Phenolic: Mild soap or vinegar-based cleaners. Avoid abrasives.

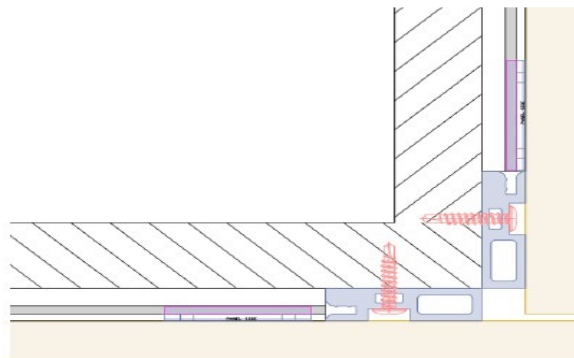
STANDARD MOUNTED ASSEMBLY



STANDARD INTERNAL CORNER



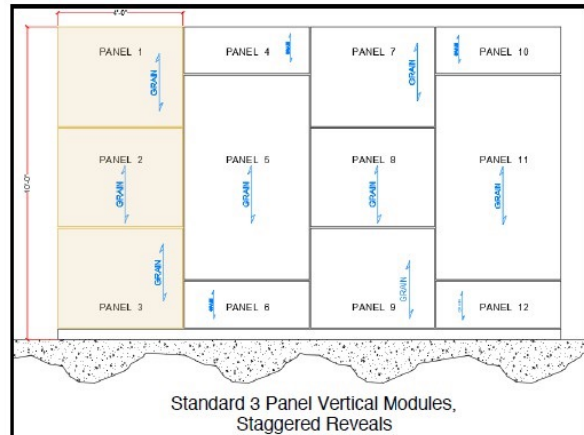
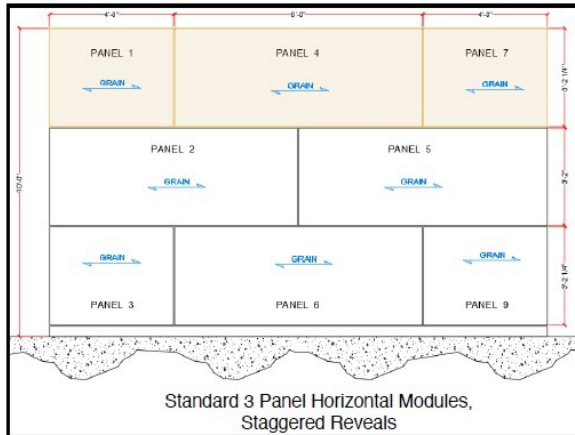
STANDARD EXTERNAL CORNER



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STANDARD PANEL ARRANGEMENT OPTIONS



SUSTAINABILITY OPTIONS (CUSTOM)

- ♦ LEED v4 material option compliance
- ♦ Low-VOC adhesives and finishes
- ♦ 100% recyclable aluminum substructure