

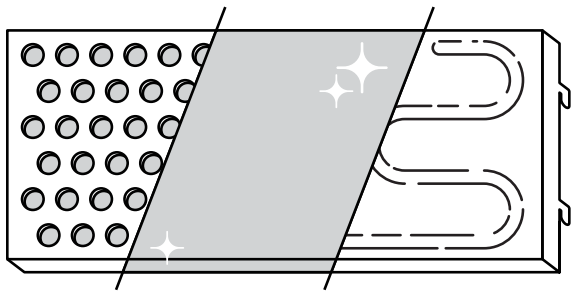
Drop & Lock panels in painted aluminum at the Pearl District Residence Inn Marriott in Portland, Oregon.

Drop & Lock™

Drop & Lock facilitates precise, efficient, and sealant-free installation of Zahner metal panels for diverse façade and wall applications. It is designed to work with Zahner's exclusive materials, as well as painted or anodized aluminum options, and can be used in combination with ImageWall and ImageLines perforation techniques or other Zahner treatments. Its straightforward design minimizes engineering time and guarantees precise, high-quality installations without compromise.

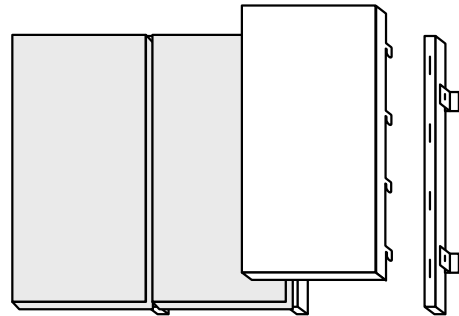
FEATURES

Customizable



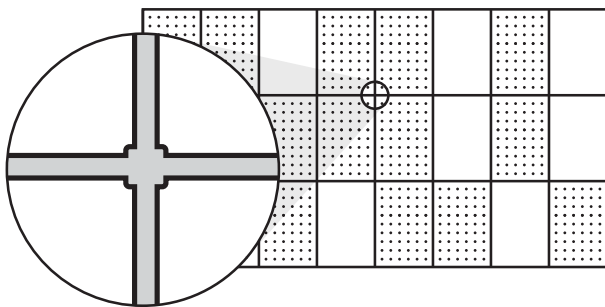
Compatible with various metals and treatments, including Zahner's proprietary materials, to meet specific design needs.

Efficient Installation



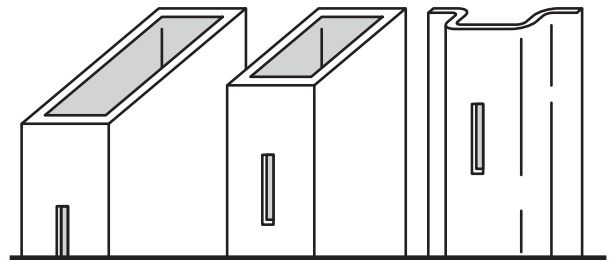
The hook-and-slot assembly means fewer fasteners, and no need for special tools, reducing labor costs and time.

Precise Construction




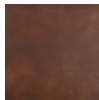

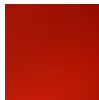


All components are made from CNC-cut metal, ensuring precision and reliability from the factory to the finish line.

Fit to Your Project



Drop & Lock offers various hardware types depending on your substrate and system depth requirements.

MATERIAL OPTIONS

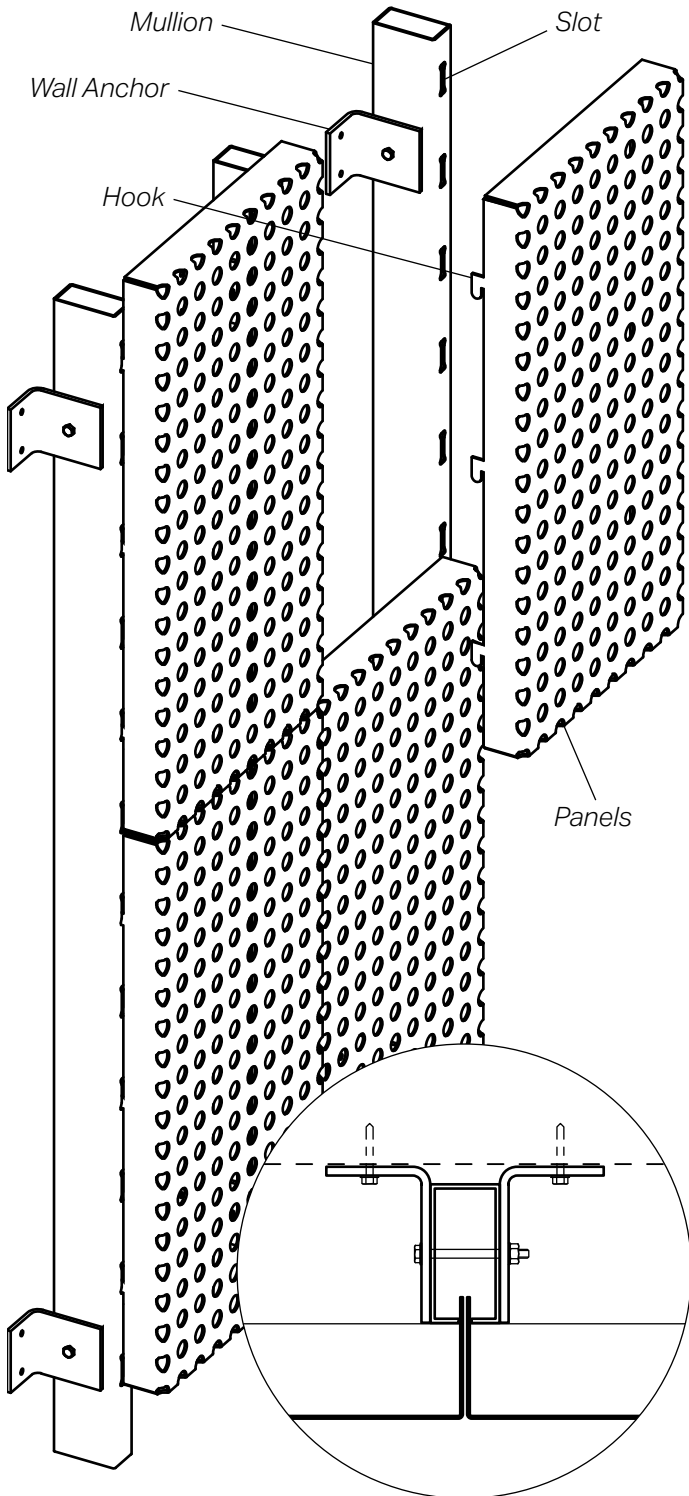
	Angel Hair[®] Stainless Steel		Solanum[™] Steel
	GB-60[™] Stainless Steel		Painted Aluminum
	Fuscara[™] Stainless Steel		Anodized Aluminum

For a complete list of available color options, visit azahner.com/metal-info/anodized-aluminum/ or azahner.com/metal-info/painted-aluminum/

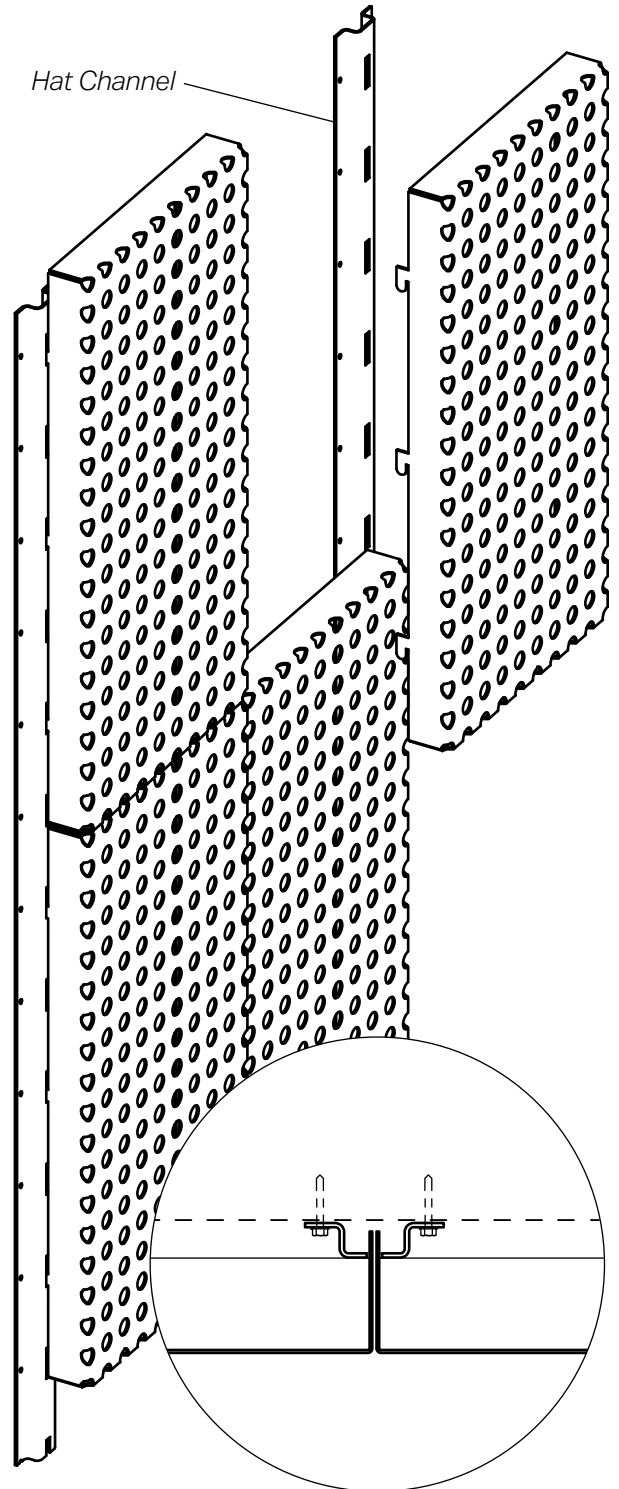
COMPONENTS & ASSEMBLY

Drop & Lock uses a simple and effective hook-and-slot design that consists of single-return metal panels that attach to a system of hat-channels (for continuous substrates) or mullions.

Mullion Hardware



Hat Channel Hardware



SPECIFICATIONS

PANEL DIMENSIONS	Minimum	Maximum
Visible Length	14"	40"
Visible Width	12"	120"

PANELS			
Finish	Base Metal	Thickness	Max Design Pressure ¹
Angel Hair Stainless Steel	SS304 or SS316 Stainless Steel*	0.075" [14 ga]	43 PSF
GB-60 Stainless Steel			
Fuscara Blackened Stainless Steel			
Solanum Steel	A606 Weathering Steel	0.075" [14 ga]	43 PSF
Anodized, AAMA 611 Class I	5052 H-32 Aluminum	0.090"	28 PSF
Painted, 2-coat solid color 70% PVDF		0.125"	52 PSF

¹Design pressures associated with a maximum panel deflection of Length/60

HARDWARE	Hat Channel	2x4 Mullion	2x6 Mullion
System Depth	3.75"	7.25" - 8.75"	9.25" - 10.75"
Dimensions	4" x 1" x 10' maximum	2" x 4" x 20' maximum	2" x 6" x 20' maximum
Material	5052 H-32 Aluminum	6063-T6 Aluminum	
Finishes	Anodized: Clear or Electrolytic Black		
Max Unsupported Span	Continuous substrates only	10'-0" (28 PSF) 8'-0" (52 PSF)	13'-0" (28 PSF) 11'-0" (52 PSF)
Max Cantilever	Continuous substrates only	3'-4" (28 PSF) 2'-8" (52 PSF)	4'-4" (28 PSF) 3'-8" (52 PSF)

For additional information on component dimensions and geometry, see the Drop & Lock Detail Drawing Set. *Available at azahner.com/document/drop-lock-system-details.*

Zahner Drop & Lock has been successfully tested using AAMA501.4 procedures for seismic movement. The specific building movements of that project should be evaluated by the building's engineer of record.

All information above is for reference only and should be confirmed by a licensed structural engineer for each specific project and its unique site conditions.

HOW TO SPECIFY

Download and use the [3-Part Specification](#) document and [Drop & Lock Drawing Set](#) to aid in specifying Drop & Lock for your project.

For general consultation or specific questions on product specifications, please contact your Zahner consultation team at azahner.com/contact

Available at azahner.com/products/drop-lock

1. Determine the panel material, panel dimensions, and number of panels required for your project.
2. Determine the system hardware type and finish.