



PANELRAIL® and REVEALRAIL

Promises Performance Without Compromising Installation

Knight Wall Systems® PANELRAIL® and REVEALRAIL are perforated cladding support rails designed to promote drainage, ventilation, and long-term rainscreen performance while giving design teams a wide range of options across façade applications.

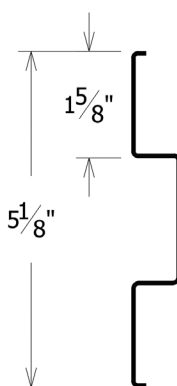
The profiles use a perforated hat channel design that allows air and moisture to move through the cavity, supporting drying behind the cladding and helping reduce the risk of trapped moisture within the wall assembly. Available in two standard gauges of steel, five standard depths, four standard widths and black coating, they provide practical flexibility for projects.

PANELRAIL® provides strong, efficient cladding support while visually closing off the joint behind the panel. REVEALRAIL is designed for projects where an open-joint aesthetic is desired, with an available black PVDF coating that helps create a darker reveal or shadowed appearance between panels while maintaining the performance benefits of a perforated support rail.

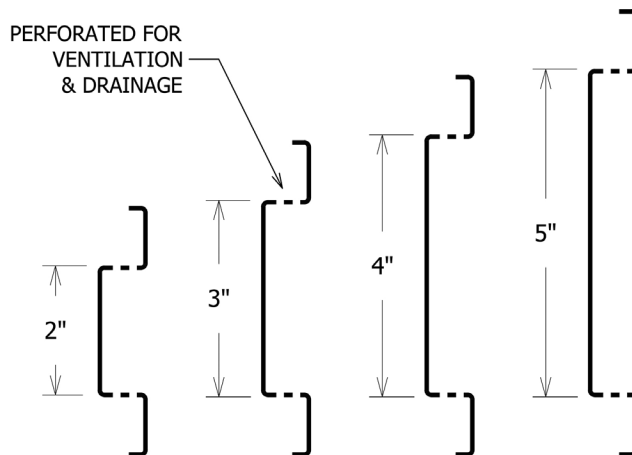
Custom dimensions and profiles can be easily made to support unique design conditions. Matching accessory rails, including outside corner rails, are also available in corresponding depths, giving architects and contractors a simple, coordinated system for creative panel layouts, clean façade lines, and high-performing rainscreen assemblies without adding unnecessary complexity in the field.

Depth:	0.75" 1.00" 1.25" 1.50" 1.75" Custom
Rail Width:	2" 3" 4" 5" Custom
Material:	ASTM A1046 Steel, ZM40, 50 ksi yield
Gauge:	18-ga (46 mil) or 16-ga (55 mil)
Finish:	Mill or PVDF Black
All rails are perforated for drainage and ventilation.	

REVEALRAIL



PANELRAIL®



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Deer Park, WA 99006

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(509) 262-0104

www.knightwallsystems.com
ALL KNIGHT WALL SYSTEMS COMPONENTS
ARE MANUFACTURED IN THE USA.

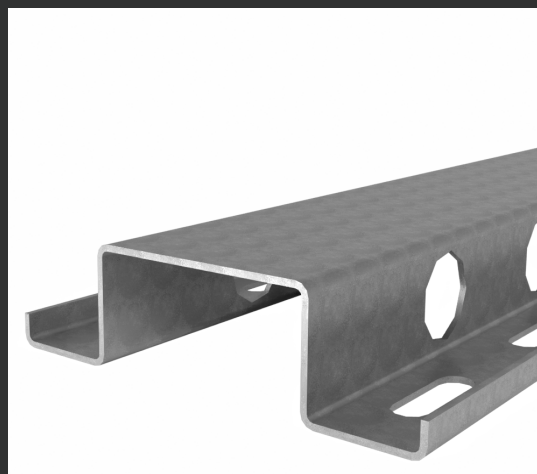


Advantages to PANELRAIL®

- Flexible rail configurations simplify attachment across a wide range of facade designs
- Ventilated profile supports effective moisture management
- Pre-punched attachment holes reduces installation time across a variety of substrates
- Multiple gauges & sizes available to meet project requirements
- Black PVDF finish option for enhanced aesthetics
- Up to 10x greater corrosion resistance than G90 galvanized steel
- Project-specific engineering support available
- Backed by a limited 10-year warranty
- Compatible with virtually any cladding material
- Wall anchors available for a complete system solution

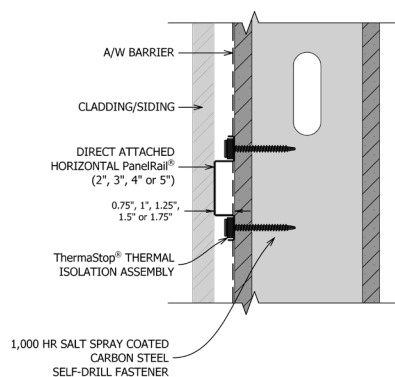
Unlike typical furring channels that require wall anchor holes to be drilled in the field, PANELRAIL® and REVEALRAIL are manufactured with pre-punched anchor holes to simplify installation over CMU, concrete, wood studs, and other common substrates. This helps reduce field labor, improve installation consistency, and keep projects moving efficiently.

Available as standalone rail options, they can also be used with a other cladding support systems, delivering the same proven support, drainage, and ventilation benefits across diverse rainscreen assemblies.

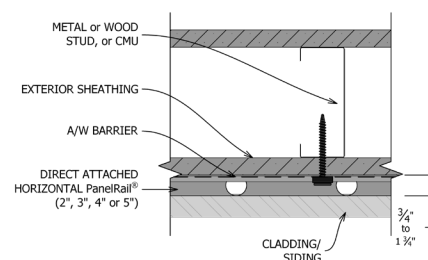


PANELRAIL®

SECTION VIEW



PLAN VIEW



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