

Iron Woods® Vanish™ Rain Screen and Soffit System... “Pushing the Envelope”©

The perfect complement to the natural beauty of our Iron Woods™ premium grade exterior building products and our existing line of siding profiles and standard rain screen offerings, the Vanish Rain Screen™ brings a newfound elegance to the art of both commercial and residential building envelope design and construction.

The impact of moisture condensation behind exterior wall cladding or siding on material performance and finishes is well understood and the importance of allowing siding and soffit systems to ventilate is not new. The benefits of Rain Screen versus traditional siding applications is also not new. Vanish Rain Screen is a Drained and Back-Ventilated rain screen system that can be applied horizontally, vertically or diagonally as cladding and or soffit for both interior and exterior applications. It is important to understand that drained and back-ventilated systems are designed to leak and no attempt is made to minimize the effect of wind by means of pressure equalization as with Pressure Equalized Rain Screen Systems. In drained and back ventilated systems the cavity behind the cladding is drained, and positive back-ventilation is used to promote the rapid evaporation of any rainwater deposited in the air cavity.

The ‘Vanish™ System’ ... The State Of The Art in Rain Screen and Soffit Design.

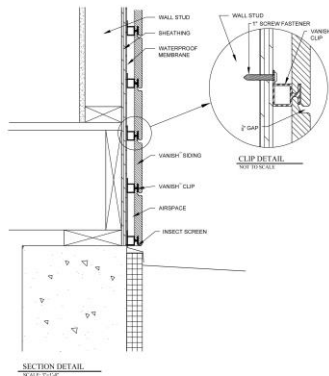
Architects and designers recognize that the Vanish™ Rain Screen cladding profile, material offerings and unique clip system represents a significant improvement in the technology for both residential and commercial rain screen and soffit applications.



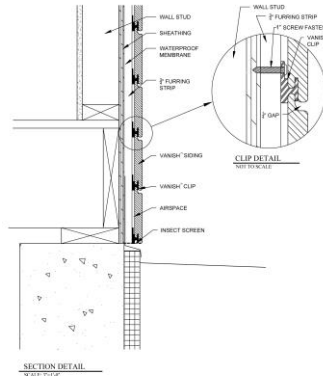
To Learn More about Vanish Rain Screen Soffit and Decking Systems Visit:

www.ironwoods.com

A More Comprehensive Brochure can be found in our PDF library.



High Profile



Low Profile



Features and Benefits

- Elimination of face fasteners, and other non-hidden clip designs = clean aesthetic appearance
- Elimination of face fasteners as points of water penetration = increased durability of wood fiber
- Elimination of face fasteners = allowance of seasonal expansion and contraction increases durability of wood fiber
- Elimination of predrilling = reduced installation costs
- Elimination of top grooves for clip attachment in cladding profile = elimination of damaging gutter effect.
- Optional use of battens = reduction in moisture holding points of contact with both envelope and cladding
- Optional use of battens = vertical and horizontal air flow improving moisture dissipation from the envelope.
- Optional use of Battens = reduction in installation costs
- Floating system design = cladding adjusts naturally to changes in environmental conditions eliminating stress at connection points
- Low Profile and High Profile clip options = new and retrofit design flexibility
- Use of specialized screws for clip to sheathing, wood or galvanized battens.
- Unique cladding profile = improved water shedding and decreased risk of cladding to clip separation
- Unique three hole clip design = clip to batten, stud or sheathing fastening options.
- Wide clip design = superior connections and smooth transitions at butt joints
- Use of 1" or 5/4" nominal siding thickness = Design Flexibility
- Direct sheathing attachment option = use of random length cladding and reduced cladding trim waste and lower material cost
- Direct sheeting attachment = horizontal, diagonal and vertical design and application options
- System design = incorporation of 4" and 6" nominal cladding profile widths and associated design flexibility
- Specialized screw thread design = superior clip to sheathing connection and performance
- Marine Grade Aluminum Clip and Stainless Steel Fasteners = low galvanic reaction and superior life cycle system performance.
- Wood Species Options = Aesthetic Flexibility
- USGBC/LEED/FSC Compliant Species Options = LEED Certification

Design Basics IBC Compliance

IBC Section 1406 Combustible Materials on the Exterior Side of Exterior Walls

Section 1406.2.1 Type I, II, III and IV Construction, exterior wall coverings shall be permitted to be constructed of combustible materials, complying with the following limitations:

1. Combustible exterior wall coverings shall not exceed 10 percent of the exterior wall surface area where the fire separation distance is 5 feet (1524mm) or less.
2. Combustible exterior wall coverings shall be limited to 40 feet (12192mm) in height above grade plane.

