

## Iron Woods Vanish™ Rain Screen System – “Pushing the Envelope”

Timber Holdings USA., makers of Iron Woods™ the leading brand of premium naturally durable hardwood decking and siding for over 30 years, is excited to introduce the ultimate in exterior rain screen cladding /siding – The Vanish Rain Screen System™.

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.



It has been long recognized that traditional siding systems have a number of performance drawbacks. Typical siding systems can trap moisture between the siding and the sheathing which can lead to mold, rot, cupping, as well as accelerated siding and coating deterioration which reduce performance and service life. Traditional direct board on sheathing also creates direct heat transfer to the building envelope which can raise cooling costs.

“Moisture accumulation and extreme fluctuations in moisture levels can adversely affect the service life of components, such as wood siding and windows. Adverse moisture conditions can induce checking, warping, paint failure, and in severe cases rotting of the wood. Proper building design and construction can help prevent moisture accumulation or excessive moisture fluctuation within building components”

U.S. Dept. of Agriculture Forest Products Laboratory:  
Before You Install Exterior Wood Based Siding

The rain screen concept and its benefits are not new. 15th Century Vikings constructed buildings using wooden rain screen techniques are still standing today.

Traditional horizontal rain screen siding has long been recommended for improved air flow allowing air to move vertically behind the siding and moisture to evaporate which significantly improves the service life of a building envelope and coating performance

T I M B E R H O L D I N G S  
U S A

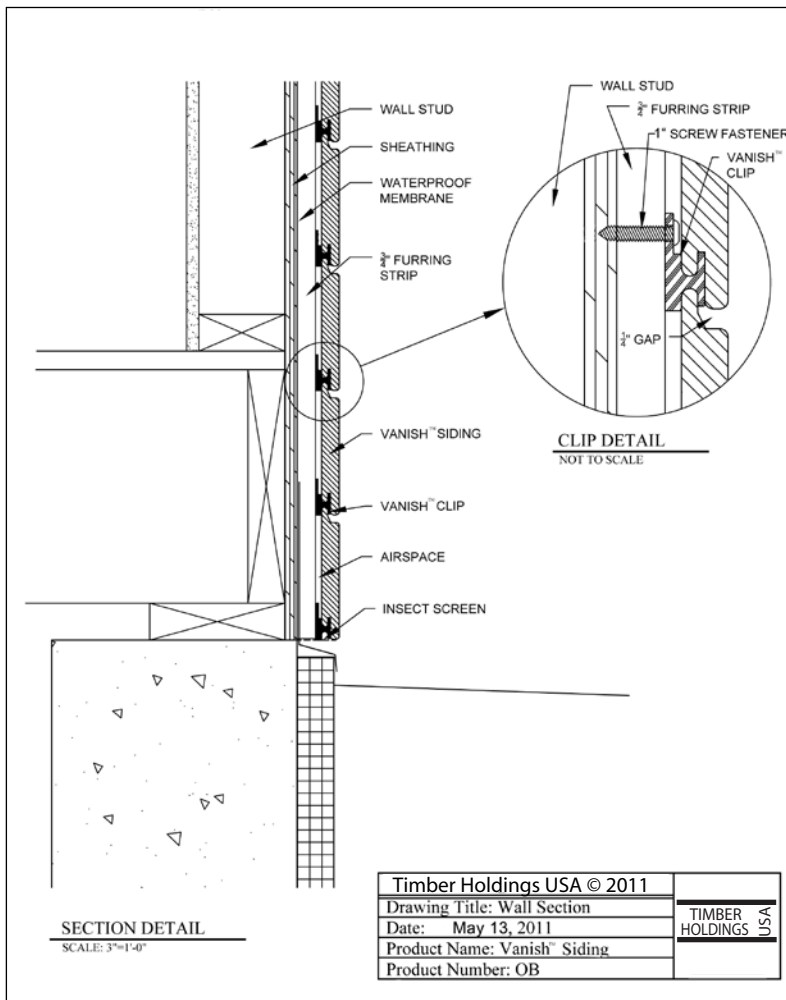
---

# I R O N W O O D S

## V A N I S H S Y S T E M

---

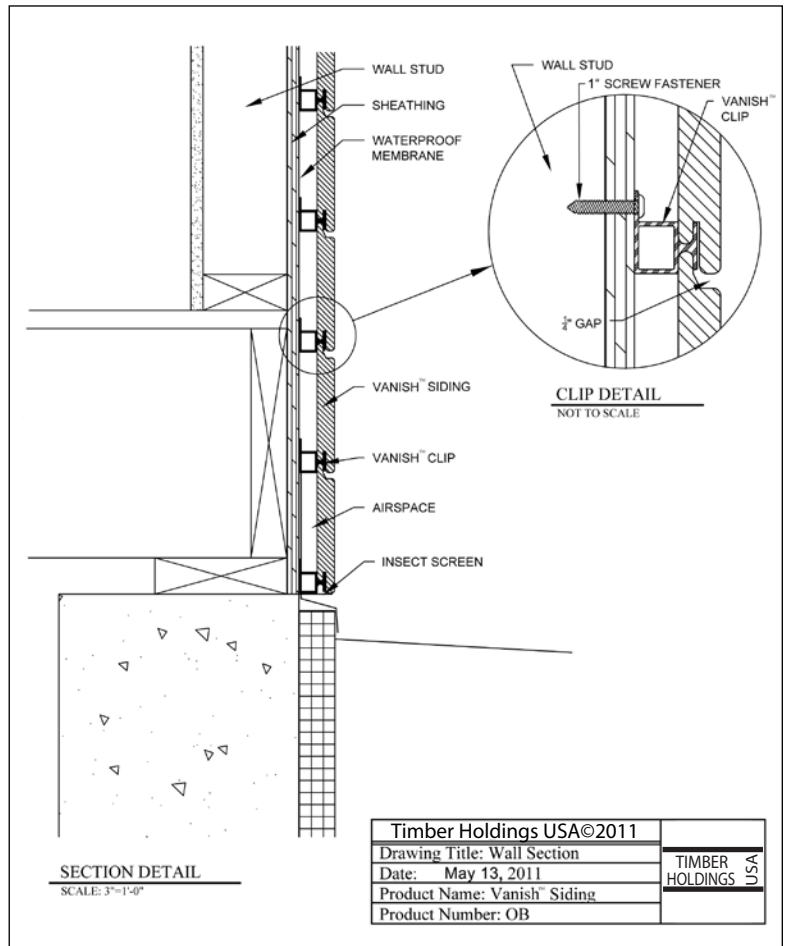
The Vanish Rain Screen System uses our unique Vanish Rain Screen Siding Profile and Vanish Rain Screen Clip with mounting options to take the art of rain screen to the next level



### THE SYSTEM

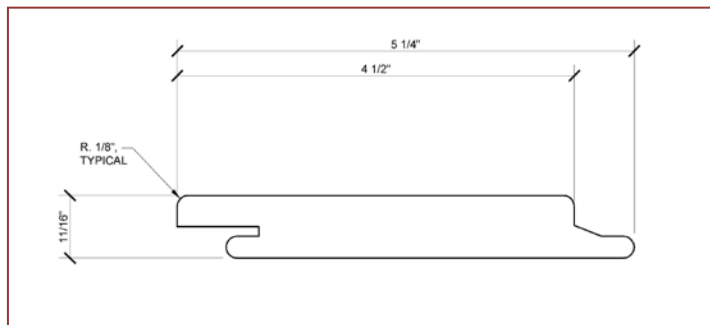
- ✓ Unique Siding Profile = Superior rain screening.
- ✓ Standard and Custom Reveal Options = Design flexibility.
- ✓ Elimination of Through Face Fastening = Improved aesthetics.
- ✓ Elimination Of Pre-drilling = Reduced installation costs
- ✓ Installation with or without the use of battens = Vertical, horizontal or diagonal cladding application

- ✓ Vertical AND Horizontal Air Flow= Improved moisture evaporation and siding performance.
- ✓ Random Butt Joint Location = Reduced siding trim waste and lower material costs.
- ✓ Marine Grade Aluminum Clip= Superior durability
- ✓ Wide Clip Design = Superior connections at butt joints.
- ✓ Unique Three Hole Design = Clip to batten, stud or sheathing fastening options.
- ✓ Marine Grade and Profile Stainless Fasteners = Superior connection performance.



## THE CLADDING

The Vanish Rain Screen System utilizes a proprietary “clip-eclipsing” wood profile that conceals the fastener system while allowing maximum air flow and water evaporation. The unique profile also

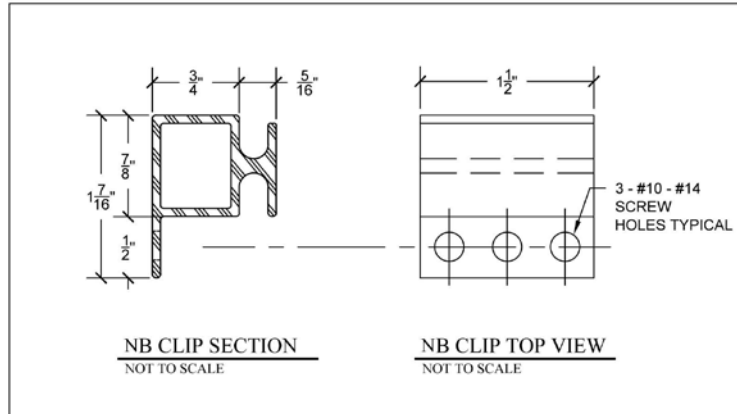


facilitates ease of handling and installation. With no nail or screw heads to detract from the rich, natural beauty of the Vanish Rain Screen System it is clear that no rain screen or cladding solution on the market today is more appealing to the eye than our unique Vanish Rainscreen System.

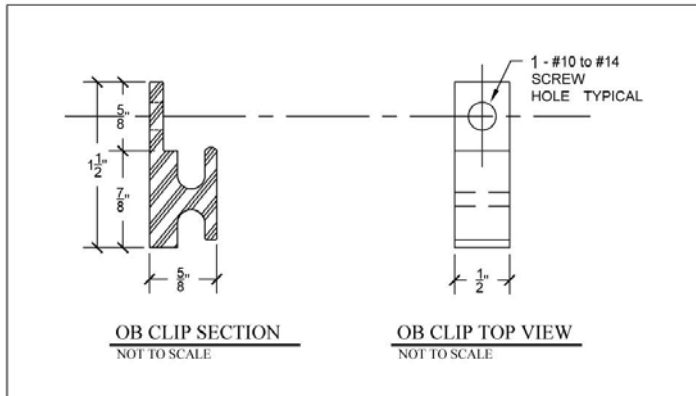
- Standard Thickness- Nominal 1 inch (net 11/16" thick)
- Standard Profile Reveal is 1/4". Custom reveals available by special order up to .75"
- Standard Widths
  - Nominal 6 inch (4.75" Coverage) approx. 2.52 linear feet per square foot
  - Nominal 4 inch (2.75" Coverage) approx. 4.36 linear feet per square foot
  - See Material Options for width availability by material type

## THE CLIPS

Vanish™ Rain Screen Clips are available in 2 models:



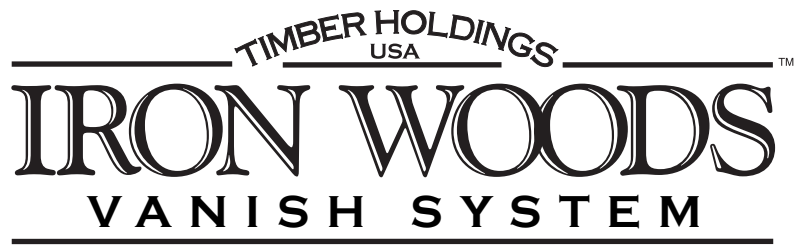
**Model # VRSC NB:** Primarily used in horizontal “No Batten” application. Use one fastener per clip for on stud application and two fasteners per clip for on sheathing application. The clip is 1.5” wide and allows for .75” air space behind siding.



**Model # VRSC OB:** Primarily used in horizontal “Cladding On Batten” application. Use one fastener per clip for on stud application and two fasteners per clip for on sheathing application. The clip is 1.5” wide and attaches to directly to battens.

## THE FASTENERS

Fasteners are available in a variety of sizes and lengths and requirements will be project and application specific. For most applications a marine grade, 316 stainless steel, 1” long, #12 pan head screw is used to fasten the clips to the batten or sheathing. Follow fastener manufacturer’s recommendations for your application.



MATERIAL OPTIONS from Iron Woods™:

- ✓ Ipe (aka Brazilian Walnut) 1x4, 1x6
- ✓ Muiricatiara (aka Tigerwood) 1x6
- ✓ Cumaru (aka Brazilian Teak) 1x6
- ✓ Garapa ( aka Brazilian Locust) 1x4, 1x6
- ✓ Genuine Cambara (aka mahogany) 1x4
- ✓ Cambia (Thermally modified wood) 1x4, 1x6
- ✓ Cedar (Western Red ) 1x4, 1x6
- ✓ EcoStrand™ Bamboo 1x4, 1x6

Use these materials in combination with conventional wood corner and widow trim treatments or create unique designs utilizing alternative materials. Stainless steel finish screws with colored heads or matching plugs are available for attaching wooden trim. Contact us to verify availability and lead times prior to specification or selection.

**THE INSTALLATION:** Please consult our Installation Notes brochure for information on working with the Vanish™ Rainscreen System. The project architect or engineer or designer has the responsibility to design a proper building envelope for moisture control.

Important: Read and understand these instructions before installing rain screen. Failure to do so may void the warranty. These installation instructions are based on manufactures experience with normal applications. They are not intended to cover every installation or building code requirement, detail or variation. If questions arise concerning the product or its suitability for a particular use, contact your architect or engineer. Any unapproved deviation from these procedures shall be solely at the risk of the installer.

For additional information about Timber Holdings and its family of Iron Woods™ products visit [www.ironwoods.com](http://www.ironwoods.com) or call 414-445-8989