

# Polar Wall® Plus!

INSULATED SIDING SYSTEM

A FINISH THAT OFFERS BEAUTY  
PLUS ENERGY EFFICIENCY

 **NORANDEX™**

VINYL SIDING, SOFFIT & ACCESSORIES





# THE LOOK OF WOOD, THE VALUE OF VINYL

Profile & Color Shown: Double 6" White

## FEATURES AND BENEFITS



**.046" Panel thickness** with thick insulating foam and a low gloss natural cedar woodgrain pattern

A 3/4" panel projection\* for excellent wind load resistance and casts deep, appealing shadow lines

\*5/8" panel projection available on D6 panel



The thick insulating foam helps reduce energy loss through walls and studs, repel insects and reduce sound transmission. It is permeable, offers excellent support to the vinyl siding panel, and up to 4 times the impact resistance of unreinforced panels



A heavy duty extended return leg snaps tightly into the BearHug locking system which is double the thickness of the siding panel under the nail head, for an installation that's solid, secure and protects against panel blow off in adverse weather conditions



**XLOK TECHNOLOGY** **BEARHUG LOCK** **NailRIGHT**  
SIDING INSTALLATION SYSTEM

XLok® Technology combines the BearHug® Lock, a Superior Full Reversed Rolled-Over Nail Hem, and the NailRIGHT® Siding Installation System for an installation that's secure and accurate



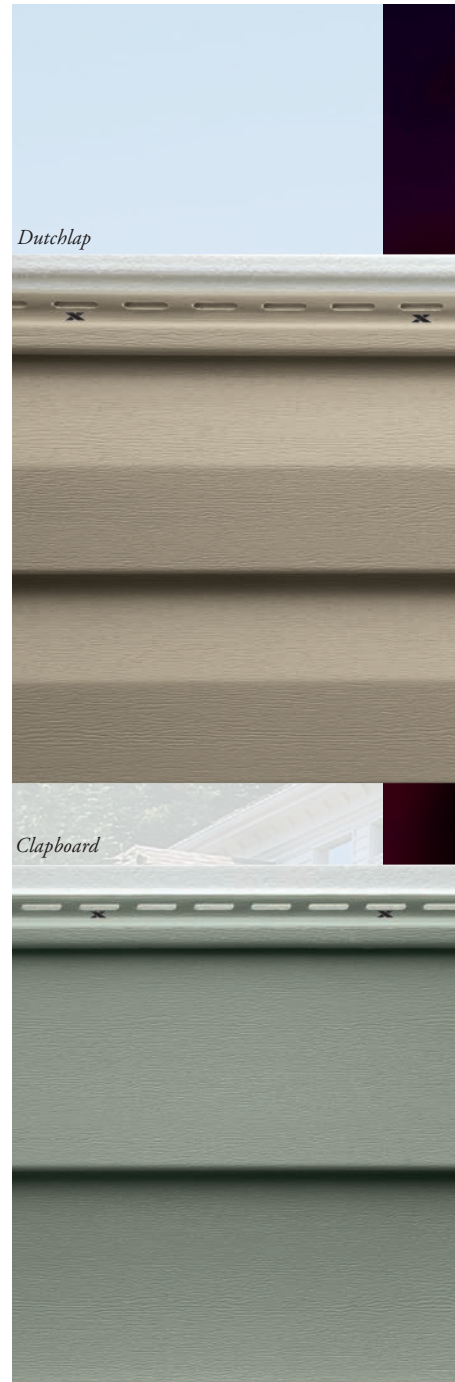
**COLORHOLD®**  
*Lifetime Fade Protection*

ColorHold is a highly-durable capstock that resists fading and discoloring and is backed by a Limited Lifetime Transferable Warranty\* including Lifetime Fade Protection

\*Visit [www.norandex.com](http://www.norandex.com) to view warranty details



Matching and contrasting soffit, accessories, shakes and shingles available to give your home a one-of-a-kind look



**Make the Polar Wall Plus! Insulated Siding System the choice for the life of your home.**

- Virtually maintenance free. Save time and money on upkeep costs.
- Because it's solid vinyl, it won't blister, crack, flake, peel or rot like wood exteriors.
- A sound investment that can help increase the resale value of your home.

**• THREE DISTINCTIVE PROFILES:**

**- Double 4" & 6" Clapboard**

**- Double 5" Dutchlap**

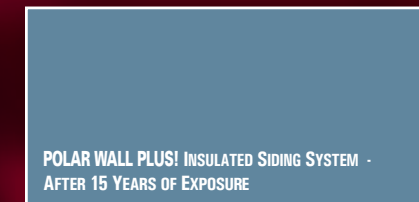
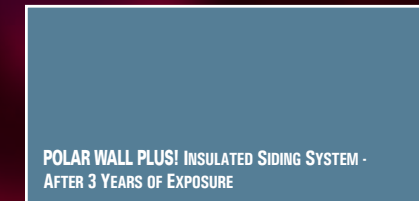
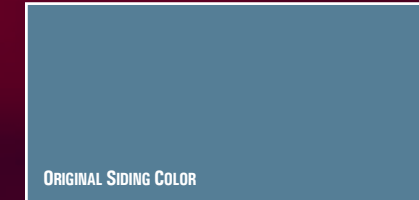




Profile & Color Shown: Double 6," Cream



### 15 Year COMPARISON OF FADE



This is a visual representation of the actual fade that can be expected on standard vinyl siding vs. the Polar Wall Plus! Insulated Siding System. Colors are mechanically reproduced.

NORANDEX  
**Polar Wall Plus!**  
INSULATED SIDING SYSTEM

## COLOR AVAILABILITY

### 20 BEAUTIFUL COLORS

WHITE	FIREBRICK* DESIGNER COLLECTION
LINEN	IVY PREMIUM
ALMOND	KHAKI PREMIUM
TAN	OLIVE PREMIUM
CHAMPAGNE	SILVER
COBBLESTONE PREMIUM	SMOKE PREMIUM
CREAM	GRANITE PREMIUM
TUMBLEWEED PREMIUM	WEDGEWOOD PREMIUM
MOCHA PREMIUM	STEEL BLUE* DESIGNER COLLECTION
RUSSET DESIGNER COLLECTION	GRAPHITE* DESIGNER COLLECTION

Colors are mechanically reproduced.  
For color accuracy, please see actual product sample.

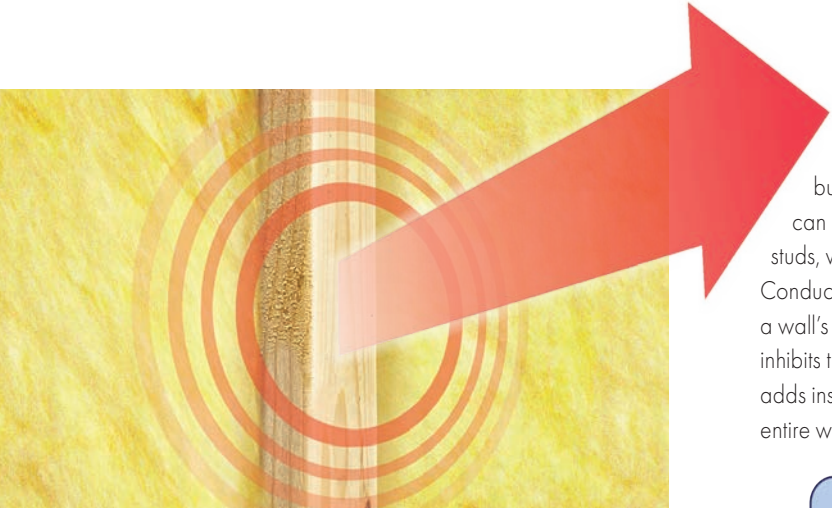
\*Available In D6 Profile Only

PREMIUM VINYL SIDING & SOFFIT  
**DESIGNER  
COLLECTION**

A beautiful collection of darker, richer colors with tremendous curb appeal, providing a real value for homeowners seeking a unique darker finish that stands out and stands apart from others in the neighborhood



# ADDED BENEFITS



## HELPS CONTROL ENERGY LOSS

Most homes are insulated between the wall studs, but the studs themselves are non-insulated. Energy can escape from inside the home through uninsulated studs, which account for nearly 25% of the wall's surface. Conduction through the wood framing can account for 40% of a wall's heat loss. The Polar Wall Plus! Insulated Siding System inhibits the conduction of energy through exterior wall studs, adds insulation and hinders air infiltration. It helps insulate the entire wall for energy efficiency and savings.



THE POLAR WALL PLUS! INSULATED SIDING SYSTEM HAS A PERMEABILITY RATING OF 5.0.



CERTIFICATION PROGRAM  
CONSULT THE VSI WEBSITE AT:  
WWW.VINYLSIDING.ORG FOR A CURRENT LIST  
OF CERTIFIED PRODUCTS AND COLORS.



**Home Innovation**  
NGBS GREEN CERTIFIED™  
RESOURCE EFFICIENCY  
FOR MORE INFORMATION, VISIT  
WWW.HOMEINNOVATION.COM/GREENPRODUCTS

## WHAT YOU CAN'T SEE, CAN HURT YOUR HOME

Water vapor from cooking, showering and other household activities, and water from rain and snow entering through the exterior, can get trapped inside the wall cavities of a home. Trapped moisture can lead to dry-rot and damage wall studs, and promote the growth of harmful molds and bacteria. The contoured foam backing on the Polar Wall Plus! Insulated Siding System does not absorb moisture and allows water vapors to escape through the foam and dissipate into the air, creating a healthy, breathing home.

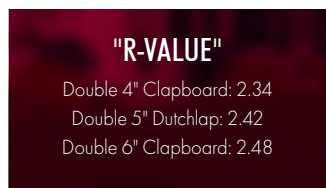


## INSECT PREVENTION

The foam backing in the Polar Wall Plus! Insulated Siding System does more than just save energy, it protects against insect damage. The backing is treated with PREVENTOL® TM EPS Preservative Insecticide which kills termites and insects before they can do any real damage to structural wood components. The active ingredient in the insecticide is harmless to installers, homeowners and household pets, and the foam insulation is contoured to the siding profile to eliminate any hollow voids where infestation can occur.

## LONG-TERM THERMAL PERFORMANCE

The "R"-Value of all profiles in the Polar Wall Plus! Exterior System when tested in accordance with ASTM D1363 exceed the ASTM D7793 standard specifications for insulated siding established by the Vinyl Siding Institute. A product's "R"-Value is a measure of the thermal resistance. The higher the "R"-Value, the better the insulation's effectiveness.



## INCREASED RIGIDITY AND GOOD LOOKS

Over time, the seams on regular vinyl siding tend to open up because there's nothing to support the siding. With the Polar Wall Plus! Insulated Siding System the foam backing lays flat against the wall providing excellent support and rigidity, and it stays in place, even in high winds.



LAMINATED FOAM PROVIDES EXCELLENT SUPPORT TO THE POLAR WALL PLUS! INSULATED SIDING SYSTEM, SO THE SEAMS REMAIN PRACTICALLY INVISIBLE.



OVER TIME, THE SEAMS ON REGULAR VINYL TEND TO OPEN UP BECAUSE THERE'S NOTHING TO SUPPORT THE SIDING.

## FOAM SPECIFICATIONS

Polar Wall Plus! laminated foam is fabricated using modified expandable polystyrene, treated with a fire retardant chemical, and will not support combustion. Although "Modified EPS" contains a flame-retardant agent, it is an organic material and should therefore be considered flammable if exposed to an open flame or ignition source.

## ACCESSORIES THAT ENHANCE THE BENEFITS OF THE POLAR WALL PLUS! INSULATED SIDING SYSTEM

6" OUTSIDE CORNER POST



3-1/2" OUTSIDE CORNER POST



THESE ACCESSORIES ARE AVAILABLE WITH FOAM FOR ADDED RIGIDITY AND ENERGY EFFICIENCY

To complement your siding selection, the Polar Wall Plus! Insulated Siding System features a beautiful line of trim accessories.

For areas under overhangs that are difficult to refinish, there's low-maintenance vinyl soffit.

Corner systems, and window and door surrounds, provide added exterior enhancement and low-maintenance protection. These accessories are also available with foam insulation, enabling you to wrap the entire exterior of your home in a blanket of thermal protection.

Match or contrast these trim pieces to your siding color choice, for that beautiful, distinctive finish you've always imagined.

## SAFE SECURE INSTALLATION

Your professional installation crew takes every possible precaution to make sure your new siding looks and performs its best.

They use the Norandex proprietary NailRIGHT® Siding Installation System to help them locate and precisely nail into the framing studs. This is a very important detail because misapplied nails can cause siding to buckle, blow off in windy conditions, or be hazardous if they strike wiring or plumbing located between the studs.

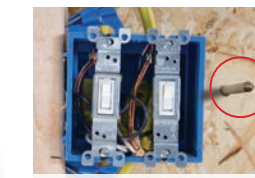
NailRIGHT helps ensure an accurate and safe installation. It securely connects the siding to the wall for optimum performance.



This means the beautiful siding you select will not only stand out, but will stay up, even in extreme weather conditions.

Beauty and Performance. It's the perfect siding combination to make the exterior of any home...perfect.

## AVOID:



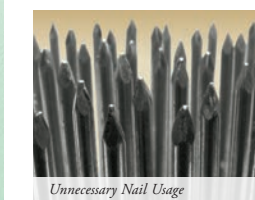
Hidden Dangers

Nails that miss their mark can be potentially hazardous to items, like wiring and plumbing, located in the cavities between studs.



Blow Off

NailRIGHT helps guide the installer to the studs for an installation that's strong, secure and resistant to blow offs.



Unnecessary Nail Usage

NailRIGHT assures the proper amount of nails are used, saving your home from unnecessary hammer hits.

THE "X" APPEARS EVERY 8" ON THE NAILING HEM AS A GUIDE TO HELP DETERMINE LOCATION OF HIDDEN WALL STUDS.



## COMPLEMENT YOUR NEW SIDING WITH OTHER QUALITY EXTERIOR PRODUCTS



Your home deserves the best. That's why, in addition to siding, we offer other top quality products to beautify and protect your home. Whether it's entry doors, energy-efficient windows, soffit, trim, or metals, you can rest comfortably knowing you've finished your home with performance products that are among the best the industry has to offer.



VINYL SIDING, SOFFIT & ACCESSORIES

1-800-528-0942

[www.norandex.com](http://www.norandex.com)