

Polar Wall Plus!

| INSULATED |

# Polar Wall® Plus!

INSULATED SIDING SYSTEM



A Finish That Offers Beauty Plus Energy Efficiency



The Look of Wood, the Value of Vinyl

FEATURES AND BENEFITS



**.046" panel thickness, .052" for S12 Board & Batten**, 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 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 four 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 and secure, protecting against panel blow offs in adverse weather conditions.



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

XLoc™ 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. Specify the most brilliant and rich hues with absolute confidence.

*\*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.



CERTIFICATION PROGRAM  
CONSULT THE VSI WEBSITE AT:  
[WWW.POLYMEREXTERIORS.ORG](http://WWW.POLYMEREXTERIORS.ORG) FOR A CURRENT  
LIST OF CERTIFIED PRODUCTS AND COLORS.

MAKE 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.



Polar Wall Plus! Double 6" - White

THREE  
DISTINCTIVE  
PROFILES:

- Double 6" Clapboard
- Double 5" Dutchlap
- S12 Board & Batten



Double 6" Clapboard



Double 5" Dutchlap



S12 Board & Batten





Polar Wall Plus! Double 6" Clapboard - Granite

# COLORHOLD®

*Lifetime Fade Protection*

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# 15-Year

Comparison of Fade



Original Norandex Siding Color



Norandex Vinyl Siding  
After 3 Years of Exposure



Norandex Vinyl Siding  
After 15 Years of Exposure



Other Vinyl Siding  
After 3 Years of Exposure

This is a visual representation of the actual fade that can be expected on vinyl siding and soffit.  
Colors are mechanically reproduced.

## Color Availability

### 19 BEAUTIFUL COLORS\*

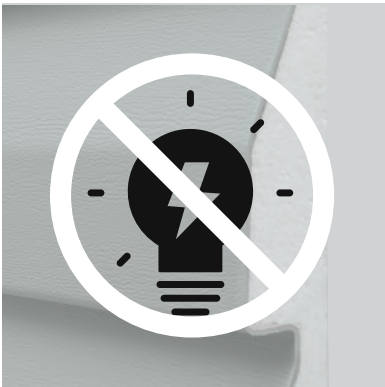
▲ White	Linen	Cream	Tan
Champagne	▲ Silver	▲ Cobblestone PREMIUM	▲ Tumbleweed PREMIUM
Mocha PREMIUM	Khaki PREMIUM	Olive PREMIUM	▲ Smoke PREMIUM
▲ Granite PREMIUM	Wedgewood PREMIUM	Russet DESIGNER	▲❄️ Firebrick DESIGNER
▲ Myrtle DESIGNER	▲❄️ Steel Blue DESIGNER	▲❄️ Graphite DESIGNER	

\*Firebrick, Steel Blue and Graphite are not available in Double 5" Dutchlap.  
▲Board & Batten colors.

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



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.

**"R-VALUE"**

Double 6" Clapboard ...	2.48
Double 5" Dutchlap.....	2.42
S12 Board & Batten .....	2.7

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.

The Polar Wall Plus! Insulated Siding System has a permeability rating of 5.0.



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.

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.

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.



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.



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.

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 and secure, resisting blow offs.

**Unnecessary Nail Usage**

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

Safe, Secure Installation



The "X" appears every 8" on the nailing hem as a guide to help determine location of hidden wall studs.

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.

(Only applies to Double 6" Clapboard and Double 5" Dutchlap Profiles)

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

6" Outside Corner Post

3-1/2" Outside Corner Post

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.

These accessories are available with foam for added rigidity and energy efficiency.



## 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)