



The Polar Wall® Plus! Exterior System offers a range of popular home owner-preferred styles, colors, accessories and accent products. It's a complete selection that will challenge your imagination, and let you fashion your home's exterior in a way you've never dreamed was possible.



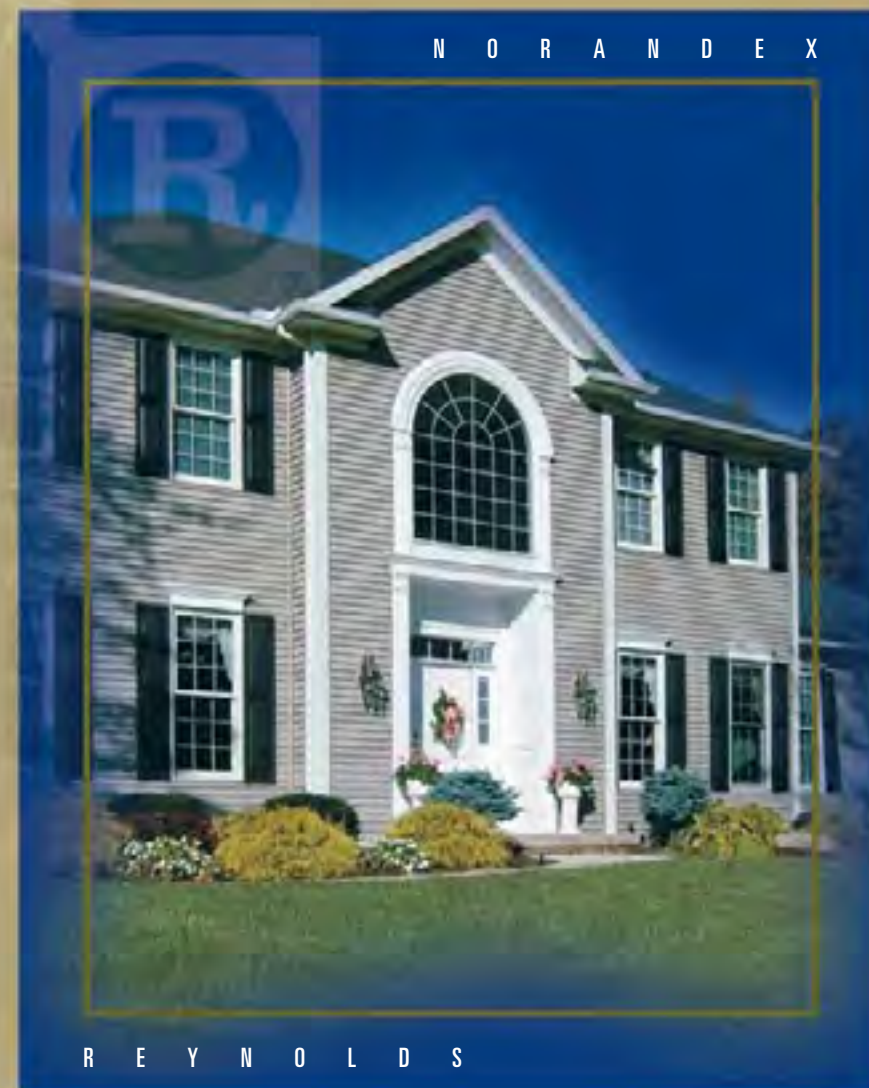
Because it's *your* home!

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Macedonia, Ohio 44056
1-800-528-0942

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INSULATED PREMIUM VINYL SIDING
AND REPLACEMENT WINDOWS

N O R A N D E X



R E Y N O L D S

Energy-efficient, high-performance products that keep
your home more comfortable, summer through winter.





IT'S WHAT'S BEHIND OUR BACK THAT HAS PEOPLE TALKING.

Home owners and contractors all across America have experienced the numerous benefits of the Polar Wall® Plus! Exterior System.

"I live in a community of manufactured homes in Florida. When hurricanes Frances and Charlie hit, many of the homes in my neighborhood lost random, and in some cases, whole rows of siding. My aluminum carport was blown away and there was roof damage. But, one thing stayed in tact, my

Polar Wall® Plus! siding. It's as firm against the house as the day it was installed."

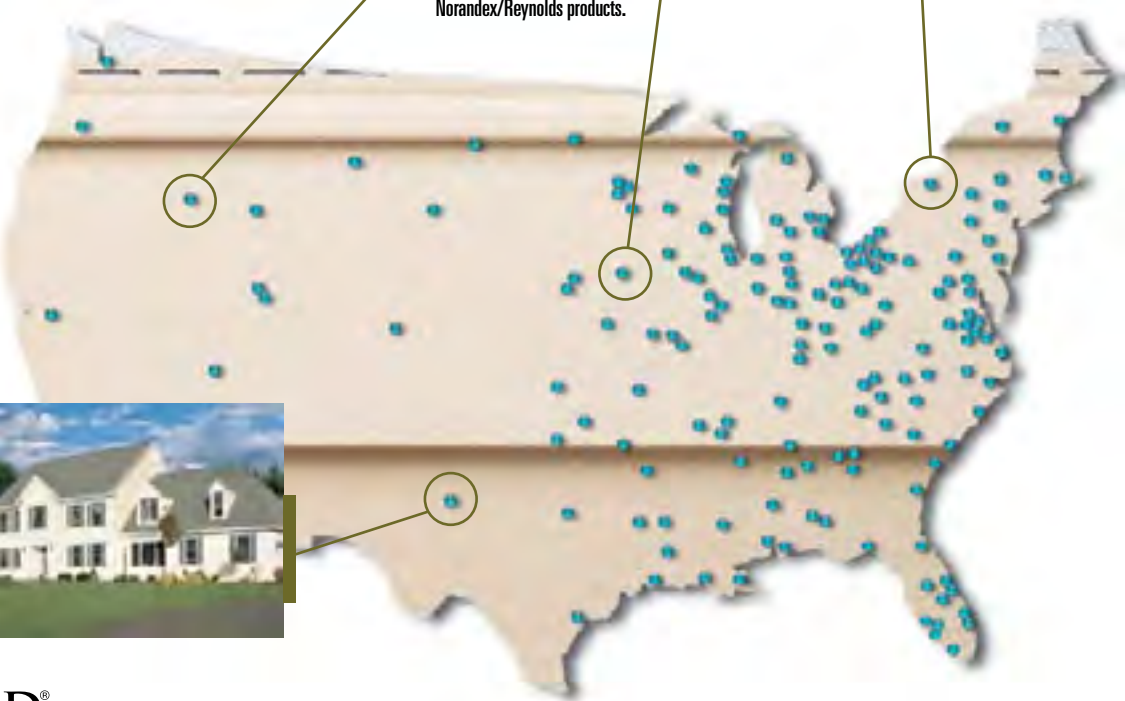
Susan Baker
Winter Haven, FL

"The winters in Minnesota can get extremely cold. Offering home owners a vinyl insulated panel that's solid, beautiful and energy-efficient is a real plus!"

Greg Ramel
Authorized
Norandex/Reynolds Dealer
Eagan, MN



One out of ten homes with vinyl siding on their exterior feature Norandex/Reynolds products.



IT'S FADE RESISTANT—You have probably seen homes where the surface color has faded or discolored. This condition is caused by the sun's ultra-violet rays. The Polar Wall® Plus! Exterior System features ColorHold®, a UV stable acrylic polymer that has excellent fade-resistant properties. This means the color of siding you select and have installed will retain its original beauty for years to come.

With ColorHold® Fade Resistant Protection you can even choose the richer, darker hues that are not available in other siding lines because of their susceptibility to fading.

IT'S LOW-MAINTENANCE—Because the siding is solid, color-through vinyl, the Polar Wall® Plus! Exterior System never needs to be refinished.

This means you save money by never having to scrape, sand or paint, ever again.

COLORHOLD®
Styled for Living. Designed for Life

On the surface, the Polar Wall® Plus! Exterior System might look like ordinary vinyl siding, but that "first look" resemblance can be very misleading. It's what we put behind and into our product that distances the Polar Wall® Plus! Exterior System from the competition.

IT'S FOAM INSULATED—The Polar Wall® Plus! Exterior System features a foam insulated backing to help you reduce heating and cooling bills. Versus non-insulated vinyl siding, it can increase the energy-efficiency of your home by as much as 20%.

IT'S IMPACT RESISTANT—How tough is Polar Wall® Plus!? It's an exterior system designed to resist dents and scratches from kids playing baseball, debris from lawnmowers, hail and other occurrences that can mar a siding's surface.



IT'S WIND RESISTANT—You have probably seen the damaging effects high winds can have on a home. This is especially true in areas known for severe storms, tornadoes and hurricanes. The Polar Wall® Plus! Exterior System gives your home added protection against extreme weather conditions. It's designed to resist winds exceeding 200 mph that can cause other siding materials to blow off the wall.



POLAR WALL®
Plus!
EXTERIOR SYSTEM

THE POLAR WALL® PLUS! EXTERIOR SYSTEM HAS UP TO 4 TIMES THE IMPACT RESISTANCE OF UNREINFORCED VINYL SIDING PANELS.



YOU CAN BE CONFIDENT IN THE PERFORMANCE OF YOUR POLAR WALL® PLUS! EXTERIOR SYSTEM, BECAUSE IT'S SOLIDLY BACKED AND QUALITY MANUFACTURED BY NORANDEX/REYNOLDS... THE LARGEST MANUFACTURER AND DISTRIBUTOR OF EXTERIOR BUILDING PRODUCTS, WITH NEARLY 160 DISTRIBUTION CENTERS NATIONWIDE.

Wrap your home in a blanket of added protection with the Polar Wall® Plus!

Exterior System, and we'll back you up all the way.

IT'S OUR LIMITED LIFETIME WARRANTY*—

A commitment to home owners that The Polar Wall® Plus! Exterior System

will perform, year after year after year.



IT'S OUR LIMITED LIFETIME FADE PROTECTION—Your Polar Wall® Plus! Exterior System will look as well years down the road as it does the day it's first installed. Other competitive vinyl siding products can't match this strong warranty promise.

IT'S ENERGY-EFFICIENT—The Polar Wall® Plus! Exterior System provides incremental insulating R-Values to the exterior walls, and may decrease air infiltration. This can help improve energy-efficiency, so that your home will stay warmer in the winter and cooler in the summer.

IT'S THE RIGHT ENVIRONMENTAL CHOICE—Our natural resources are precious, and dwindling rapidly. Wood and some composite sidings not only require the harvesting of trees, they also need to be finished and maintained with paints, sealants, stains and chemical treatments. These maintenance materials can be potentially harmful to humans and the environment. Polar Wall® Plus! exterior products are formulated and manufactured with reusable materials that require virtually no maintenance treatments.

*See actual warranty for details.

IT'S BACKED BY THE STRONGEST HOME OWNER PROTECTION PLAN IN THE INDUSTRY.



SEAL HOLDER SINCE 1990

IT'S THE GOOD HOUSEKEEPING SEAL—
A symbol of consumer trust and confidence for more than a century.

UL ISO 9001 2000 CERTIFIED—Polar Wall® Plus! is manufactured in a quality controlled environment where all manufacturing processes have been audited and certified by Underwriters Laboratories to meet ISO 9001-2000 Quality Standards Registration.



POLAR WALL® PLUS! CAN PAY FOR ITSELF IN ENERGY SAVINGS, IN HOT OR COLD CLIMATES.

<i>If you live in...</i>	<i>Your annual energy bill savings could be up to*...</i>	
CITY	GAS	ELECTRIC
Minneapolis/St. Paul, MN	\$812	\$1,215
Denver, CO	\$646	\$955
Milwaukee, WI	\$730	\$1,092
Chicago, IL	\$694	\$1,019
Charlotte, NC	\$459	\$592
Kansas City, MO	\$621	\$870
Detroit MI	\$679	\$1,005

*Potential energy savings are based on a data modeling study performed by Architectural Testing Incorporated and are not based on actual field studies of this product. The data modeling is based on several assumptions as listed below.

Your actual energy savings may vary.

Energy savings apply to homes built before 1970 having existing wall R-value of 4.0, and wall area of 2000 sq. ft. Energy savings for Gas heating systems based on gas price of \$1.23 per therm. Heating efficiency of 65% and cooling unit seasonal efficiency rating (SEER) of 7.0. Energy savings for Electric heating systems based on electricity price of \$.0896 per KWH, electric heating efficiency of 100% and cooling unit seasonal efficiency rating (SEER) of 7.0.



R - V A L U E S

D4.....	2.88
D5 Dutchlap.....	3.53
D6.....	3.57



WHEN CORRECTLY INSTALLED, POLAR WALL® PLUS! SIDING WITH THE FULLBACK® THERMAL SUPPORT SYSTEM AND POLAR WALL® INSULATED VINYL REPLACEMENT WINDOWS CAN HELP MEET THE PERFORMANCE GUIDELINES OF AN ENERGY STAR® QUALIFIED HOME.



IT'S WHAT'S INSIDE THAT MAKES THE DIFFERENCE.

IT'S A PERMEABLE WATER VAPOR SOLUTION—The Polar Wall® Plus! Exterior System helps restore healthy breathing to your home. It's designed to allow water vapor to escape through the foam and dissipate into the air, keeping moisture away from the interior walls. Moisture trapped inside the wall cavities of a home can cause dry-rot, damage wall studs and cause other structural problems. Trapped moisture can also promote the growth of molds and bacteria that can potentially be harmful. The Polar Wall® Plus! Exterior System has a permeability rating of 5.0. That's up to 5 times more than most house wraps. So, when you wrap your home with the Polar Wall® Plus! Exterior System you not only get energy-efficient insulation, but also a water vapor release system that helps keep your interior walls dry.



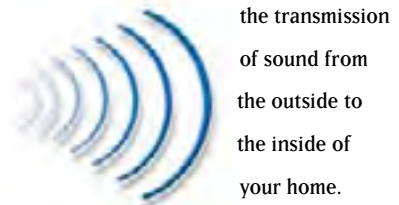
A COMPETITOR'S VINYL SIDING BENDS UNDER THE WEIGHT OF A TEN POUND BOX OF NAILS. POLAR WALL® PLUS! DOESN'T. IT'S AN EXTERIOR SYSTEM THAT'S EXTRA STRONG AND RIGID SO IT LAYS FLAT AGAINST THE WALL, RESISTS DENTS, WON'T BUCKLE, AND STAYS IN PLACE EVEN IN HIGH WINDS. TESTING PERFORMED WITH A DOUBLE 4" AND DOUBLE 5" DUTCHLAP PANEL.

IT'S TERMITE RESISTANT—A natural additive in the foam insulation backing helps the Polar Wall® Plus! Exterior System resist termites, carpenter ants and other pests, yet it's safe to humans and pets. Other siding underlayments without this additive can be a harboring ground for wood boring pests, and can compromise the performance of your home's insulation.



THE INSULATED FOAM BACKING FEATURES A NATURAL ADDITIVE MADE FROM BORATE THAT'S DEADLY TO TERMITES AND CARPENTER ANTS, YET HARMLESS TO HUMANS AND PETS.

IT'S A NOISE REDUCTION WALL SYSTEM—Because it's insulated with foam, the Polar Wall® Plus! Exterior System can help reduce



The result: A more comfortable, quieter living environment.



LAMINATED FOAM PROVIDES EXCELLENT SUPPORT TO THE POLAR WALL® PLUS! EXTERIOR 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.

- Fusion-Welded Frame and Sash for superior structural strength
- Aristopane® QUATRO™ Glass includes 1" insulating glass unit with Krypton gas between-the-panes, silicone foam Super Spacer,® and four layers of architectural-grade soft coat Low E for ultimate thermal performance
- Dual vent latches for partial ventilation without fully opening sash
- Overlapping, interlocking meeting rail and dual cam locks for a tight, secure seal
- Tilt-in/lift-out sash for ease of cleaning
- Stainless Steel constant force balance system allows sash to raise and lower effortlessly
- Choice of styles, sizes, colors and grids to match any home's architectural style!



ARISTOPANE QUATRO® GLASS PACKAGE ENERGY EFFICIENCY RATINGS	
R-Value	7.10
U-Value	0.14
Solar Heat Gain Coefficient.....	0.36

Numbers reflect simulated testing in summer conditions: 90° outside temperature, 75° inside temperature, center of glass values for architectural-grade, soft coat Low E on two glass surfaces with a Krypton gas fill inside a double-strength 1" I.G. unit with Super Spacer®
A U-value of .23 and a R-value of 4.35 are achieved with simulated testing in winter conditions: 0° outside temperature, 70° inside temperature, center of glass values for architectural-grade, soft coat Low E on two glass surfaces with a Krypton gas fill inside a double-strength 1" I.G. unit with super Spacer®

Nothing improves your home's comfort and style like Polar Wall® windows and doors. Advanced features and innovative design come together for strength, energy efficiency and beauty. The Polar Wall® Insulating Window System features Aristopane® QUATRO,™ one of the most advanced glass packages on the market today, helping to insure excellent year-round thermal performance.

Every Polar Wall® window unit is custom-built to fit your home, with options that can help you turn an idea into a dream!

The Polar Wall® Insulating Window System. It's a sound investment that's solidly backed with a Double Lifetime and a 3-Year Glass Breakage Warranty offer.*

COLORS



*See actual warranty for details.

MAYBE IT'S TIME TO CHANGE INTO SOMETHING MORE COMFORTABLE.



WHEN CORRECTLY INSTALLED, POLAR WALL® PLUS! SIDING WITH THE FULLBACK® THERMAL SUPPORT SYSTEM AND POLAR WALL® INSULATED VINYL REPLACEMENT WINDOWS CAN HELP MEET THE PERFORMANCE GUIDELINES OF AN ENERGY STAR® QUALIFIED HOME.

