



"WE'RE REALLY pleased with our ABC SEAMLESS STEEL ROOF SYSTEM. IT'S NICE AND quiet. IT LOOKS GREAT. AND WE WON'T HAVE TO RE-ROOF OUR HOUSE AGAIN!"

## LASTS A LIFETIME

NOW SAY GOODBYE TO THE **EXPENSIVE CYCLE OF REPAIRING** AND RE-SHINGLING YOUR ROOF. ABC SEAMLESS STEEL **ROOF SYSTEMS ARE A LIFETIME** 

INVESTMENT IN YOUR HOME'S INTEGRITY AND BEAUTY. OUR **ROOF SYSTEM IS DESIGNED TO** STAND UP TO THE WORST THE WEATHER CAN FLING AT YOU ... AND RETAIN ITS GOOD LOOKS FOR DECADES TO COME.



#### **GOOD LOOKS AND DEPENDABILITY**

Imagine putting the industry's most secure roof over your family's heads! That's what you'll accomplish, once and for all, when you crown your home with the ABC Seamless Steel Roof System. When ferocious winds blow ... when hail threatens your neighborhood ... you and your family will be safe and secure beneath a roof designed expressly to resist Mother Nature's worst raging.

Say goodbye to that familiar five to ten year cycle of roof replacement that has always been part of shingles. ABC Seamless has taken the long-proven technology that has made all its products legendary, and applied it to the very top of your home. From the multicoated heavy-gauge steel that faces the sky to the self-sealing titanium-coated underlayment, every element of your roof is covered by our famous lifetime warranty.

ABC Seamless Steel Roof Systems bring your home to the peak of perfection. Both good-looking and tough as nails, these roofs are stronger and lighter than traditional asphalt shingles — yet just as quiet. And thanks to our innovative high-tech materials, your ABC Seamless Steel Roof System will keep your attic cooler than a traditional roof.



TOUCH ON YOUR HOME WITH A PREMIUM ROOF.









#### **INVESTING IN TOMORROW**

Top-quality materials and expert workmanship mean that your ABC Seamless Steel Roof System is an investment that pays dividends throughout the life of your home.

Durability is built into our systems from the ground up. Your roof is constructed from heavy-gauge, hot-dipped G-90 galvanized steel. There's nothing tougher! Because our expert installers manufacture your roof right at your site, every measurement is precise and every element fits perfectly.

Elements are tightly secured with screws, not flimsy staples. That's your guarantee that your roof will stand up to the harshest weather. ABC Seamless Steel Roofs have earned Underwriters Laboratories coveted Class 4 Impact Rating. That means they have withstood the most strenuous testing and meet stringent guidelines for both materials and manufacturing.







#### BEAUTY AND VALUE

ABC SEAMLESS STEEL ROOF SYSTEMS

AREN'T JUST HANDSOME. THEY

MAINTAIN THEIR GOOD LOOKS

THROUGHOUT THEIR LIFETIME. SEVEN

LAYERS OF SCIENTIFICALLY ADVANCED

COATINGS TAKE STEEL'S ESSENTIAL

DURABILITY TO THE MAXIMUM.

OUR RESEARCH HAS RESULTED IN A

PREMIUM PRODUCT WHOSE QUALITY

IS UNMATCHED IN THE INDUSTRY.

"OUR NEW STEEL ROOF SYSTEM BLENDS IN perfectly
WITH OUR HOME AND OUR NEIGHBORHOOD.
WHAT MAKES IT A Stand-Out is knowing its
GOOD LOOKS AND TOP performance are
GOING TO LAST FOR YEARS AND YEARS."





LIKE THE ENTIRE ABC SEAMLESS

STEEL FAMILY OF EXTERIOR

PRODUCTS, OUR SEAMLESS

STEEL ROOF SYSTEMS ARE AN

INVESTMENT IN BEAUTY AS

WELL AS THE SECURITY OF

YOUR HOME. EVERY ROOF IS

CUSTOM DESIGNED! WHETHER

YOUR HOME IS TRADITIONAL OR

CONTEMPORARY, COMPLIMENT
ITS LOOK WITH ONE OF OUR
OPTIONS: HORIZONTAL-LAYERED
SEAMLESS STEEL PANELS, STEEL
SHINGLE SHAKES OR STEEL SLATE.
CHOOSE A SOLID, BLENDED OR
HIGH-DEFINITION COLOR THAT
COORDINATES WITH YOUR
SIDING, SOFFIT AND FASCIA.





"WE LOVE THE traditional SHINGLE
LOOK AND WITH THE BENEFITS OF STEEL
IT WILL PRESERVE OUR FARMSTEAD
FOR generations."

COMFORTABLE BENEATH AN
ABC SEAMLESS STEEL ROOF
SYSTEM. WITH OUR STATEOF-THE-ART COOL ROOF
TECHNOLOGY YOUR HOME
WILL HAVE FAR LESS
HEAT BUILD-UP ON ITS
ROOF SURFACE AND IN THE
ATTIC, REDUCING YOUR
ENERGY BILLS.

BID FAREWELL TO

MAINTENANCE WORRIES!

TEDIOUS ROOF PROBLEMS

ARE VIRTUALLY ELIMINATED.

THE ENTIRE STEEL ROOF

IS TIGHTLY INTERLOCKED

TO KEEP OUT RAIN AND

MELTING SNOW.



OUR ABC SEAMLESS STEEL ROOFS ARE AN INVESTMENT IN FUNCTION TODAY AND IN VALUE TOMORROW.







#### QUALITY THAT'S OVER THE TOP

ABC Seamless Steel Roof Systems don't cut corners. We focus on reaching the peak of perfection with roofs that exceed your expectations in ways you may not even notice. You won't see the self-sealing rubberized underlayment while it defends against leakage. Nor will you spot the sturdy screws that hold the roof sections tight, the seven layers of coatings that protect the steel itself, or the factory training that enables our professional installers to do it right the first time. Bottom line: No worries for you now ... or for the next generation.











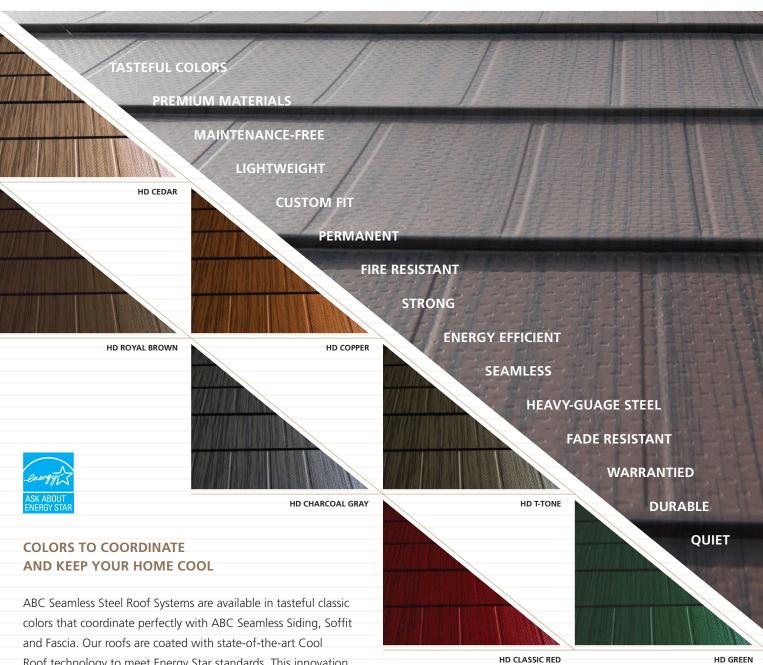
#### STRONG AS STEEL

YOU MIGHT SAY THAT ABC
SEAMLESS STEEL ROOF
SYSTEMS HAVE SUPERPOWERS!
THE SUN WON'T FADE YOUR
STEEL ROOF. HEAVY RAIN AND
ICE WON'T DAMAGE IT. HAIL
WON'T PENETRATE IT. FIRE
CAN'T BURN IT. AND IT CAN
WITHSTAND WINDS OF UP
TO 160 MILES PER HOUR –
THE EQUIVALENT OF AN
EF-3 TORNADO.

YOUR LIFETIME, NONPRORATED WARRANTY NOT
ONLY COVERS YOUR OWN
EXPERIENCE WITH YOUR HOME,
BUT IS TRANSFERABLE. IF
YOU EVENTUALLY SELL YOUR
PROPERTY, THE WARRANTY
WILL GO ALONG WITH
THE STILL-SOUND ROOF ...
BOOSTING ITS RESALE VALUE.







Roof technology to meet Energy Star standards. This innovation reduces surface heat build-up, lowering attic temperatures and, as a result, lowering your cooling and heating costs.

Colors shown are a guide only. See product samples for the most accurate color. Additional colors are available.





## DOWNSPOUT CAPABIBLITY IS DOUBLE

Our larger downspouts carry twice as much rain or meltwater off your roof and away from your foundation.
Compared to everyday products, ABC Seamless gutter systems drain faster. That reduces shingle damage and roof rot, along with seepage around your vulnerable foundation.





#### DARE TO COMPARE HEAVY DUTY STEEL VS. ALUMINUM

Our downspouts live up to your expectations. Their heavy-duty steel construction resists crushing and damage. They fold at the elbow, too, to keep them out of the way when mowing.









#### QUALITY IN EVERY CORNER

ABC Seamless gutter systems are simply built better. Careful attention to every detail, including the manufactured drop, protects your home. That's a valuable investment that lasts and lasts.



#### INDEPENDENT FRANCHISES

Your ABC Seamless franchise is one of more than 90 independent local businesses licensed from coast to coast.

ONE CALL. ONE WARRANTY.

# CONTACT ABC SEAMLESS TODAY FOR A FREE HOME INSPECTION







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## DISCOVER THE ADVANTAGES OF ABC SEAMLESS GUTTER SYSTEMS

America's first name in seamless steel siding, ABC Seamless, delivers the same reputation for beauty, quality and lasting value to the details of your home. ABC Seamless gutter systems are formed from a heavy-weight steel core and finished with the same multilayer, weather-defying coatings as the home siding that has made us famous. Here's our promise: Our gutters will not crack, peel or blister.

#### **OUR CUSTOMERS SAY**

ABC Seamless gutter systems are the workhorses of protecting your home from the weather. Not only do they defend your roof and foundation from the threat of water damage. These gutters look good while they're hard at work! Designer colors duplicate or complement other ABC Seamless products, from siding to fascia and soffits. If you ever need to replace or add to your system, you can count us. In over 30 years we have **never** discontinued a color.

**COATINGS** — Layers of exhaustively tested coatings cover the heavy-gauge core protection from peeling, cracking and blistering.



30+

#### COLORS

ABC Seamless gutter systems are available in more than 30 colors to match or complement your siding, fascia and soffit. We have never discontinued the availability of any color.

UP TO 8

33%

#### MORE DRAINAGE

That's how much more water our gutters carry, compared with ordinary alternatives.

One-third more!

Quicker, more reliable drainage of rain and meltwater protects your roof, your

foundation and your

basement.

28

#### GAUGE STEEL

Our heavier steel makes ABC Seamless gutter systems stronger and more durable. Our gutters stand up to the worst weather. When mother nature threatens, you'll have peace of mind knowing you have a dependable gutter system.

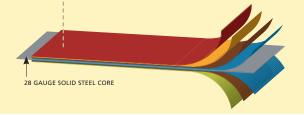
#### HIDDEN STEEL GUTTER HANGERS

You expect great looks from ABC Seamless siding, and that goes for our gutters, too. We install your gutters with larger, stronger steel hangers instead of the traditional smaller, weaker aluminum hangers ... for greater support that stands the test of time. Also, very adaptable for a gutter cover.



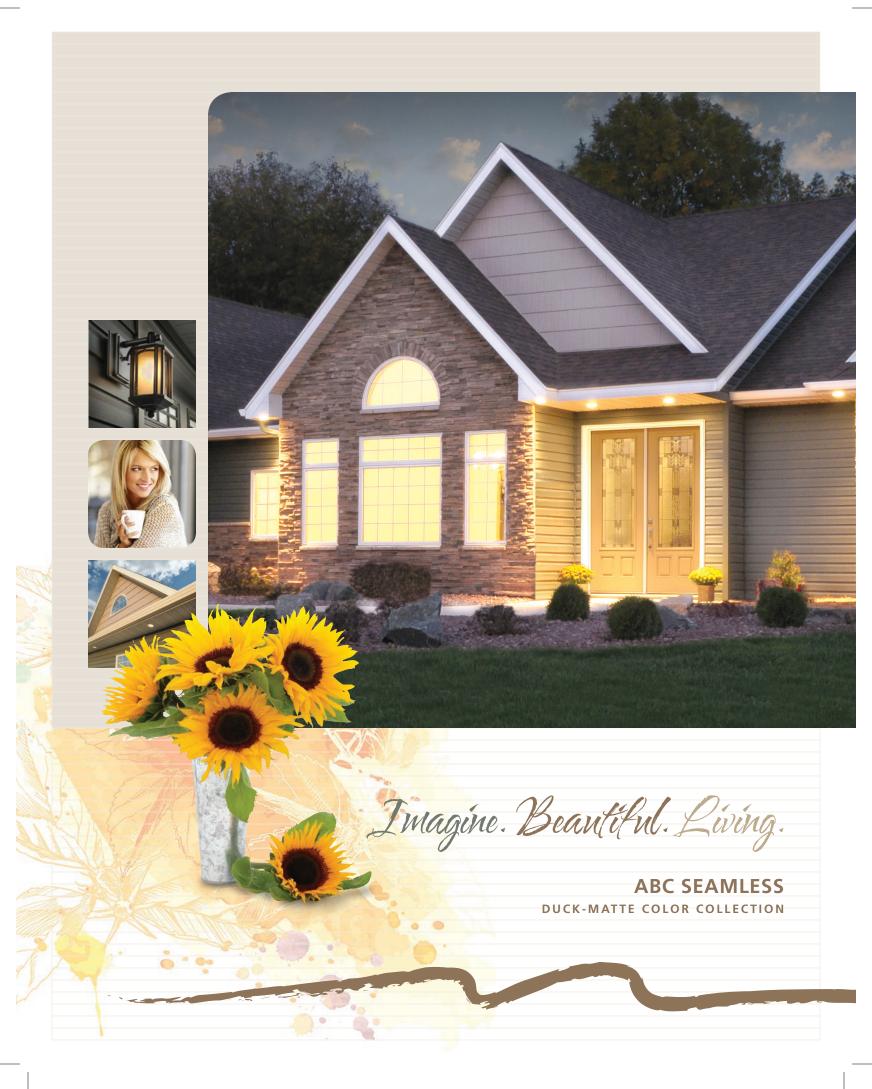






- AKZO-NOBEL REL-SHIELD 4 PVC COATING
- AKZO-NOBEL 6000 UNIVERSAL CORROSION RESISTANT PRIMER
- BONDERITE 1402W CONVERSION COAT
- G-90 GALVANIZED COATING

- 28 GAUGE SOLID STEEL CORE
- G-90 GALVANIZED COATING
- BONDERITE 1402W CONVERSION COAT
- CORROSION RESISTANT BACKER COAT









#### A WORLD OF POSSIBILITIES

Imagine: An investment in your home that's as smart as it is beautiful. Visualize a home that greets friends and neighbors with a smile...that friendly, welcoming residence that always rates a second lingering look. Your home will be that show-stopper when you step up to the finest quality seamless steel siding from ABC Seamless.

Dress your house in classic white or choose a tasteful contemporary hue from ABC Seamless's Duck-Matte Color Collection. No gaping seams or splices will ever mar the smooth custom panels along its walls. No peeling paint or rotting wood will ever reveal its age. It's going to be a neighborhood star... but far, far more than just another pretty face.

Picture what your neighbors will think as they gaze at your smooth, gap-free siding while they scrape and repaint their own houses year after year. And enjoy, too, the down-to-earth secrets beneath its handsome skin. You'll be relieved of the hard labor and expense of maintaining the exterior of your home while reducing your energy bills. Your siding will virtually pay for itself!



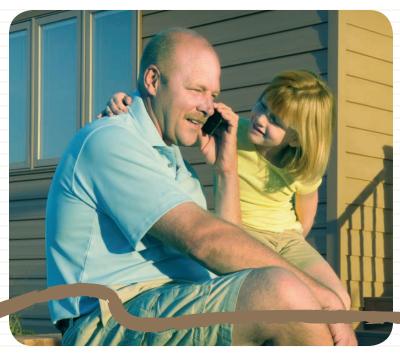






SEAMLESS PERFECTION





IMAGINE MAINTAINING IT LESS AND LOVING IT MORE.



MADE ABC SEAMLESS STEEL

SIDING THE WORLD LEADER IN ITS
FIELD...BUT THEY CERTAINLY HELP!
THE HIGH-FASHION DUCK-MATTE
COLOR COLLECTION BRINGS
THE BEST OF CONTEMPORARY
DESIGN TO YOUR OWN
HOME. BUT THAT'S JUST THE
BEGINNING. ABC SEAMLESS'S
REVOLUTIONARY SIDING PANELS
ARE MANUFACTURED TO ORDER

RIGHT AT YOUR LOCATION, EACH
CUSTOM-DESIGNED OF 28-GAUGE
STEEL TO EXCLUSIVELY FIT YOUR
HOME'S DIMENSIONS. AVAILABLE
IN 15 COLORS AND A VARIETY
OF PROFILES, DUCK-MATTE
SIDING COMPLEMENTS OTHER
ABC SEAMLESS PRODUCTS LIKE
GUTTERS, SOFFIT/FASCIA AND
TRIM TO COORDINATE OR ACHIEVE
A PERFECT MATCH.

"THE INSTALLERS DID A GREAT JOB.

THEY WERE PROFESSIONAL FROM START TO FINISH.

THEY SEALED IT UP TIGHT AND KEPT EVERYTHING NICE

AND CLEAN. THEIR WORK IS PERFECT."





## STANDS UP TO TOUGH WEATHER

our home. It's elegant and tasteful.

THE COLOR ALSO ADDS A LITTLE zing.

THAT SETS IT APART FROM THE NEIGHBORS."

DUCK-MATTE IS MORE THAN

JUST A NAME. THIS PEERLESS

SIDING SHEDS WATER LIKE ITS

NAMESAKE, KEEPING YOUR

HOUSE CLEANER LONGER...

AND RESISTING WEATHER

DAMAGE FROM THE WORST THE

WEATHER CAN THROW AT IT. ABC

SEAMLESS SIDING WON'T WARP

IN THE SUN OR LET IN MOISTURE
THROUGH DISTRACTING SEAMS.
IT'S IMPERVIOUS TO INSECTS, TOO.
ITS ENHANCED THICKNESS MAKES
DUCK-MATTE EXCEPTIONALLY
RIGID. IT RESISTS EVERYDAY
IMPACTS AND STANDS UP EVEN
TO STRONG WINDS.



#### **ELEGANT TOUCHES**

Dressed in Duck-Matte siding, your home shows off all the thoughtful touches that set true beauty apart from the commonplace.

Think elegance. Think flawless. The siding you've chosen won't fade or blister, crack or peel, maintaining its beauty year after year.

When you select your designer color, you can count on it remaining true. And ABC Seamless is the only siding company that has never discontinued a color...so if you wish to match siding panels with trim elements like soffit and fascia, gutters and window and door trim now or later you'll be able to match or complement the shade you've chosen today.

Duck-Matte increases your home's beauty with its exceptional curb appeal. Our Cool Chemistry coating is formulated to reflect harmful infrared rays that cause fading and dulling. A range of surface textures and ABC Seamless's signature matte (low-gloss) finish maintain its aura of natural charm.













AN UNDERLAYMENT OF INSULATION KEEPS YOU WARM IN WINTER,
WHILE THE COATING REFLECTS THE SUN'S RAYS IN SUMMER TO KEEP
YOU COOL. IT'S SO EFFICIENT THAT IT HAS EARNED THE ENERGY STAR
SEAL OF APPROVAL.





YOUR INVESTMENT IN DUCK-MATTE SIDING GIVES YOU MORE
TIME TO ENJOY YOUR HOME...FREE FROM THE BURDENS THAT
COME WITH ORDINARY SIDING. YOU CAN LOOK FORWARD TO A

FUTURE FREE OF THE MOST DREADED HOME-OWNER'S CHORES.

THAT'S EFFORTLESS BEAUTY.

"NEVER HAVING TO PAINT OUR HOUSE AGAIN –

IT'S LIKE A dream come fine! we're looking forward to lower energy bills, too."



TOP TECHNOLOGY AND PREMIUM MATERIALS MEAN TROUBLE-FREE LIVING.



#### **ENDLESS OPTIONS**

When you think of beautiful living, what do you imagine? No matter in which direction your family's style and spirit take you, ABC Seamless offers you tantalizing possibilities to bring your vision to life.

With a palette of designer-inspired colors and a catalog of surface textures and profiles, you can craft a look that's distinctively your own. Classic or contemporary, your home will look its very best.











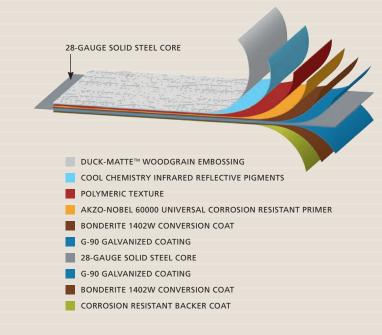


## STRONG AS STEEL

PREMIUM MATERIALS ARE AT
THE HEART OF ABC SEAMLESS
STEEL SIDING. STARTING WITH
HEAVY-WEIGHT 28-GAUGE
STEEL AS THE CORE, THE RAW
MATERIAL IS SANDWICHED
INSIDE EIGHT LAYERS OF
EXHAUSTIVELY TESTED
COATING. THE PIGMENTS
IN DUCK-MATTE FINISH
ADD LAYERS OF HIGH-TECH
PROTECTION AND RESISTANCE.
IT'S FINISHED WITH A SURFACE

PROTECTANT TO CREATE
ONE OF THE MOST DURABLE,
ENERGY-EFFICIENT SIDINGS
AVAILABLE TODAY.

ON YOUR SITE, HIGHLY
TRAINED INSTALLERS FORM
EACH CUSTOM PANEL FROM
CONTINUOUS COILS, CUTTING
EVERY PIECE OF SIDING
TO YOUR HOME'S EXACT
DIMENSIONS. NO UGLY SPLICES.
NO WASTED MATERIAL. JUST
SEAMLESS PERFECTION!





COLORS MAY VARY IN THE PRINTING PROCESS, REFER TO COLOR CHIPS WHEN MAKING YOUR FINAL COLOR CHOICE.



#### FINISHES TO COMPLIMENT YOUR STYLE





# OUR WINDOW COLOR COLLECTION LETS YOU ADD THE PERFECT MEASURE OF STYLE TO YOUR WINDOWS.

WHITE WOODGRAIN\*

WHITE\*\*

- Exterior colors feature a cutting-edge polyurethane coating technology with heat-reflective pigments for a remarkably strong, fade-resistant and highly weatherable finish.
- Interior woodgrain laminate finishes are precision-engineered for outstanding durability.
- White woodgrain is available with a Beige base only.
- \* White woodgrain is available with a Beige base only.
- \*\* Extruded solid color.

Colors shown are a guide only. See product samples for the most accurate color.

## LIFETIME LIMITED WARRANTY... YOUR ABSOLUTE GUARANTEE OF QUALITY



Bay and Bow Windows are made by AMI, a recognized leader in product innovation, manufacturing excellence and uncompromising quality control. That's a reputation you can count on from the day your windows are installed until the day you sell your home. And to make your buying decision easier, AMI backs all Bay and Bow Windows with its Lifetime Limited Warranty.

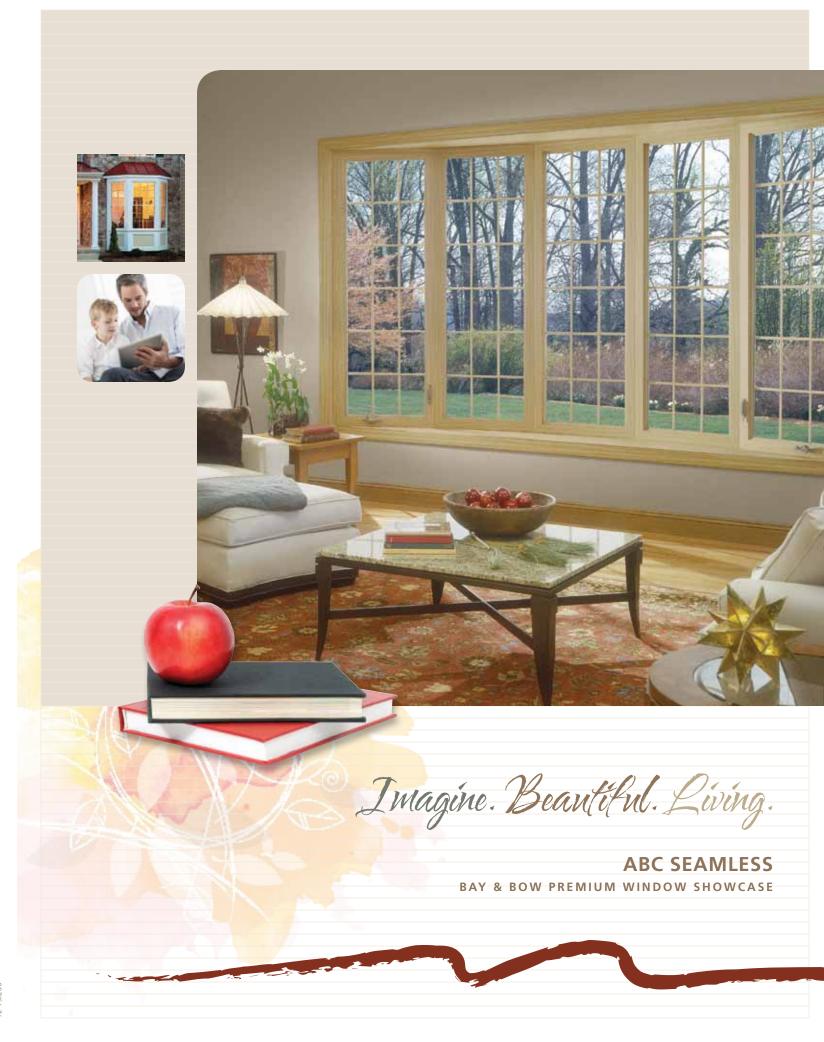
Independent testing and certification agencies test our windows and have found:

- Bay and Bow Windows easily passed the rigorous air infiltration resistance testing procedure of the American Society for Testing and Materials (ASTM).
   ASTM E 283.
- Bay and Bow Windows resisted water infiltration during a test in which the equivalent of eight inches of rain an hour is blown onto the window at a simulated wind speed of nearly 60 mph. ASTM E 547.
- Bay and Bow Windows maintained their structural strength and integrity in tests simulating winds of over 155 mph, ATM E 330. Based on an individual unit size of 36"x 60" these tests were witnessed by independent testing laboratories utilizing the nationally recognized and accepted American Architectural Manufacturers Association (AAMA) test standards and criteria.











WARNING: Screen will not stop child from falling out window. Keep child away from open window. The only purpose of the screen is to minimize infiltration of insects. Intercept is a trademark of PPG Industries A copy of the written product warranty is available upon request by writing to Window Warranty Department, P.O. Box 210, Akron, Ohio 44309.

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#### PRECISION-BUILT FROM THE INSIDE OUT

- 1 Solid vinyl color throughout keeps windows fresh and new-looking. Virgin vinyl (PVC) resin won't chip, peel or warp.
- 2 Extruded vinyl frames and sashes enhance thermal efficiency and energy savings.
- 3 Multiple chambers create additional insulation channels between the window units.
- 4 A 3/4" exterior grade plywood bottom combines with a 1" expanded polystyrene foam core with the 1 1/4" furniture grade hardwood veneer interior.
- 5 Standard 3" pre-insulated seatboard is available for added warmth and energy efficiency.
- 6 Head and seatboard are finished in furniture grade hardwood Oak or Birch veneers and ready for painting or staining.

  Avonite seatboard is also available as well as stained or laminated interior finishes.
- Heavy-duty, adjustable turn-buckle cable hanging system prevents possible sagging or bowing and eliminates any external braces.

#### **ADDITIONAL FEATURES**

- Slimline reinforced mullion design provides superior strength and support for the selected components.
- Triple pane insulated glass unit with argon gas provides year-round comfort and energy savings.
- PPG Intercept™ Warm Edge Spacer System saves energy by reducing the conduction of heat at the edge of the glass, ensuring superior thermal performance and durability.
- Fiberglass full and half screens provide ventilation.



#### ENHANCE YOUR VIEW

"INSTALLING A BAY WINDOW HAS DRAMATICALLY

ALTERED THE LOOK AND FEEL OF OUR HOME.

THE Natural beauty of the outdoors has

NOW BECOME AN INTEGRAL PART OF OUR LIVING SPACE."

Bay and Bow Windows bring exquisite style to a home that truly stands apart. Custom crafted for enduring quality and performance, these elegant yet practical windows lend a dramatic focal point and deeper dimension to any room. From their sleek, elegant but simple design, to the strength of their virgin vinyl frames and sashes, Bay & Bow Windows are in a class by themselves.





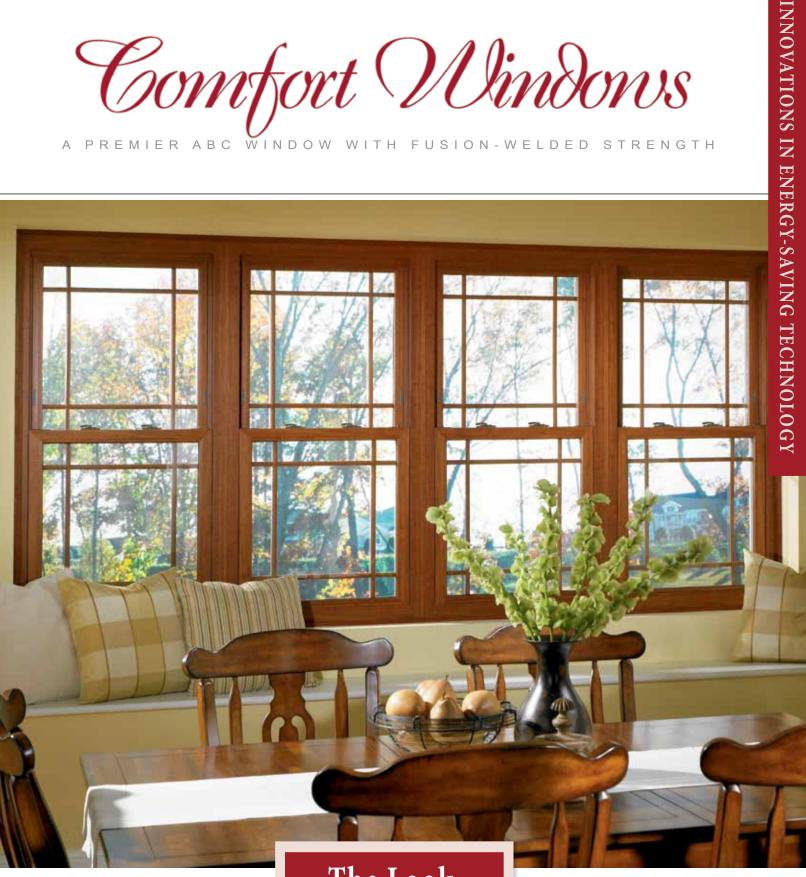


THE ABC WINDOW HAS BEEN A MAINSTAY IN THE HOME IMPROVEMENT INDUSTRY SINCE 1973. WE MEASURE OUR SUCCESS BY OUR CUSTOMER'S SATISFACTION. WE WORK DILIGENTLY TO CREATE HAPPY HOME-OWNERS AND CUSTOMERS FOR LIFE.



# Comfort Windows

A PREMIER ABC WINDOW WITH FUSION-WELDED STRENGTH



The Look for a Lifetime



#### QUALITY TESTED AND PROVEN FOR SUPERIOR DURABILITY AND PERFORMANCE

- Comfort Windows surpassed the rigorous air infiltration resistance testing requirements of the American Society for Testing and Materials (ASTM). ASTM E 283.
- Comfort Windows resisted water infiltration during a test in which the equivalent of eight inches of rain an hour is blown onto the window at a simulated wind speed of approximately 54 mph. ASTM E 547.
- Comfort Windows maintained their structural strength and integrity in tests simulating winds over 155 mph. (This is the same wind speed reserved for Category 5 hurricanes by the National Hurricane Center.) ASTM E 330.

These tests were witnessed by independent testing laboratories utilizing the nationally recognized and accepted American Architectural Manufacturers Association (AAMA) test standards and criteria.

#### YOUR ABSOLUTE GUARANTEE OF QUALITY... THE AMI WINDOW LIFETIME LIMITED WARRANTY

Comfort Windows are made by AMI, a recognized leader in product innovation, manufacturing excellence and uncompromising quality control. That's a reputation you can count on, from the day your windows are installed until the day you sell your home. And to make your buying decision easier, AMI backs all Comfort Windows with its Lifetime Limited Warranty\*\*...one of the finest in the industry. In addition, the Window Color Collection exterior finishes carry a 10 year faderesistance warranty rider.

#### GLASS BREAKAGE WARRANTY

For added coverage against unexpected mishaps, we also offer a Glass Breakage Warranty.\*\* See your window sales professional for further details.









\*It is imperative that your new bay or bow window is sealed and finished properly within the first 30 days after installation. Failure to finish and seal all of the wood components may cause the wood to fade, swell, warp or develop other defects that would not be covered by your normal product warranty. \*\*A written copy of the warranty is available by writing to: Window Warranty department, P.O. Box 2010, Akron, Ohio 44309. Colors are reproduced by lithographic process and may vary slightly from colors of actual product. All specifications and designs subject to change without notice. WARNING: Screen will not stop child from falling out window. Keep child away from open window. The only purpose of the screen is to minimize infiltration of insects. Intercept is a registered trademark of PPG Industries. ENERGY STAR name and logo are registered U.S. marks and are owned by the U.S. government.



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#### QUALITY HOME RENOVATIONS SINCE 1973

ABC Seamless Siding and Gutters has been a mainstay in the home improvement industry since 1973. We measure our success from each and every customer's satisfaction. And it is for that reason we work diligently to create happy homeowners – and customers for life.

As part of ABC Seamless Siding and Gutters, "The World's Largest Seamless Siding Company," we make it a top priority to serve our community with active involvement in the Home Builders Associations and Chambers of Commerce. We also have strong ties to civic and church organizations and volunteer for special remodeling projects in our area.

Whether your renovation plans involve windows, siding, roofing, or gutters, you can count on us for premium quality products, superior craftsmanship and outstanding customer service.



## **EXPERIENCE YOU CAN TRUST**

When you select ABC Windows for your home, you're getting more than just frames, sashes and glass. You're getting the professional knowledge and technical skill of AMI's Product Development Group - experts with a proven track record for designing, building and testing superior, energy efficient windows. These specialists know that to build the best windows, you have to start with the best materials and components. More than 60 years of manufacturing experience assures your complete satisfaction.



#### EXPERTLY CRAFTED

Superior durability, energy efficiency and classic beauty unsurpassed – everything you expect in an exceptional window. Our ABC Windows are performance-built from the inside out to ensure long-lasting beauty and strength. Fusion-welded frames and sashes, metal reinforcement at the meeting rails and a multi-chamber design, along with a heavy-duty balance system and operating hardware, together achieve outstanding structural integrity.

#### IDEAL FOR TODAY'S LIFESTYLE

ABC Windows will maintain their attractive appearance with minimal upkeep. The premium virgin vinyl construction won't rot, split, corrode or pit like painted wood windows, and won't swell or warp from exposure to moisture.

#### WEATHERTIGHT CONSTRUCTION

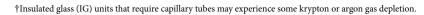
From the day they're installed, you'll appreciate the weathertight protection and energy savings of ABC Comfort Windows. The multi-chambered wall extrusions create a powerful insulating barrier, while precision-engineered frames and sashes add structural integrity and strength. Multi-layer weatherstripping, a strong sash interlock system and a high-performance glass unit further contribute to superior thermal efficiency.

#### MAKE YOUR HOME AN ENERGY MISER!



It's easy. Simply choose our ENERGY STAR® qualified ABC Energy Saver III insulated glass package.† The advanced components and design used in the ABC Comfort Window exceed all criteria required by the ENERGY STAR IERGY STAR program.

By choosing our ABC Energy Saver III insulated glass package, you can help reduce your energy costs even more, while further reducing the consumption of fossil fuels. Using less energy in our homes reduces the amount of CO2 emissions released into the atmosphere from the burning of fossil fuels such as coal, oil and natural gas.





**Energy-efficient ABC Comfort Windows** can help create positive impacts on the environment and our economy. If all residential windows in the U.S. were replaced with ENERGY STAR qualified products, we would save \$7 billion in energy costs over the next 15 years. Over the same time, the reduction in carbon dioxide emissions from these purchases would be equivalent to reducing gasoline consumption by 120 billion gallons, taking 17 million cars off of the road or preserving 142 million acres of trees.

ABC Comfort Windows with the ABC Energy Saver III insulated glass package help prevent energy loss and can reduce fuel use year-round. Most of our energy is produced by the burning of fossil fuels, which causes air pollution, smog and global warming.



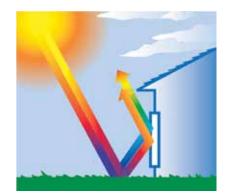








In winter months, Low-E glass lets warm solar rays into your home, while helping to prevent indoor heat from escaping.



During summer, Double Low-E glass filters long-wave radiation from the sun to reduce solar heat gain and keep your home cooler.

## FOR EVERY HOME-WINDOWS OF SUPERB QUALITY, STYLE AND VALUE

Throughout the Comfort Windows product line, you'll find not only exceptional craftsmanship and attention to detail, but also distinctive designs that will add uncompromising beauty to your home.

- Interior woodgrains and exterior colors for custom-crafted appeal.
- Premium virgin vinyl construction never needs to be painted.
- Fusion-welded mainframe and sashes for exceptionally tight, clean corners and maximum welding strength.
- Airtight insulating chambers for superior insulating performance as well as structural integrity.
- Lifetime limited warranty with glass breakage warranty.

#### HIGH-PERFORMANCE INSULATED GLASS

Like many homeowners, you might not realize the important role glass plays in the thermal efficiency of a window unit. Windows are roughly 80% glass, so it's essential that the glass system delivers outstanding protection against energy loss.

Insulating Double Low-E glass technology is utilized in every Comfort Window. Double Low-E windows feature two virtually clear, metallic coatings that act as a thermal mirror to help keep warm air from your furnace inside the home during winter and block solar heat out during the summer months. Double Low-E also helps minimize the damaging UV rays that cause carpets and furnishings to fade.



#### WARM-EDGE SPACER SYSTEM

ABC Window also offers glass units built with the PPG Intercept® Warm-Edge Steel Spacer, an option to standard foam spacers. This unique system features a one-piece metal alloy, U-channel design that helps minimize heat loss through the window. Its sealed, one-piece construction makes Intercept Spacers stronger and better at retaining insulating gas than many conventional designs. Intercept is nearly 25% more effective than a traditional metal spacer at the edge of the glass unit.

### **COMFORT WINDOWS**

#### WITH ENERGY SAVER III INSULATED GLASS PACKAGE

When it comes to performance and strength, substantial quality distinctions make our Comfort Windows a premier selection.

- Triple-Glazed Insulated Glass Unit<sup>†</sup>
  Features two panes of Double Low-E glass, a third interior glass pane, and two argon gas-filled chambers for greater energy efficiency.
- Specially Formulated Glass

Delivers outstanding protection from unwanted solar heat gain and helps block damaging UV rays that cause carpets and furnishings to fade, yet allows desirable visible light transmission to brighten the home's interior.

• Double-Strength Glass

Provides increased durability and protection.

- Foam Insulation
  Foam-enhanced mainframe and sash for improved energy efficiency.
- Quad-4 Weatherstripping

Multi-layer weatherstripping at the header and sill adds protection from the elements.



Heavy-duty frame and sashes stand up strong to everyday wear and tear.

†Also available with lower insulating gas and Double Low-E options.



A dual-glazed slimline design is also available

#### THE POWER OF ARGON GAS

Studies have shown that up to 50% of a home's energy dollars are lost through poorly insulated windows and doors. The Comfort Window Energy Saver III insulated glass unit with argon gas is one of your best defenses against energy loss. Argon is an inert, colorless, odorless and safe gas that substantially improves the thermal performance of a window by reducing conduction and the transfer of heat.

• Comfort Window Energy Saver III glass unit with two chambers of argon gas will insulate nearly 60% better than a standard clear, insulated glass unit.

#### YEAR-ROUND COMFORT - LESS ENERGY SPENDING

The Comfort Window Energy Saver III glass system exceeds performance requirements set forth by the U.S. department of Energy in conjunction with the National Fenestration Rating Council (NFRC) test criteria. One of the most critical NFRC tests measures the rate of heat gain through a window or door (U-factor). The lower the U-factor, the better the product is at resisting heat flow, which can help lower your heating bills.

Another critical NFRC test is for Solar Heat Gain Coefficient (SHGC). This measures how well a product blocks heat caused by sunlight. Again, the lower the number, the less solar heat the window transmits into the home – helping you to save on air-conditioning usage.

Glass Performance* U-Factor Comparison Window Size: 36"x 60"		
	<b>U-Factor</b>	SHGC
Clear Glass Unit	0.45	0.55
Double-Glazed	0.29	0.27
Energy Saver III	0.23	0.23



Look for the
NFRC label to
quickly compare
the energy
performance data
of each window.





\*0501 double-strength glass whole window values.

#### DOUBLE-HUNG WINDOWS

Faithful to the tradition of classic American architecture, double-hung windows combine elegance and style with the convenience of tilt-in sashes for easy cleaning from inside your home.

- Fusion-welded corners on sash and mainframe deliver superior strength and structural integrity.
- Multi-chamber extrusion design increases structural integrity and energy efficiency.
- Interlock at sash meeting rails ensures a tight seal against air infiltration, while providing security, comfort and well-being.
- Drop-in glazing provides energy efficiency as well as interior aesthetic appeal.
- Multi-layer weatherstripping helps block energy loss while creating additional protection from the elements.
- Heavy-duty constant force balance system eliminates sash cords, weights and pulleys and provides easy fingertip operation.
- Hidden screen track produces clean lines for an enhanced appearance.
- Finger-friendly sash ventilation tabs allow fresh airflow.





The generous glass exposure and clean-line design of our sliding windows allow natural lighting and an unobstructed view, while a premium construction and insulating components deliver outstanding thermal protection.

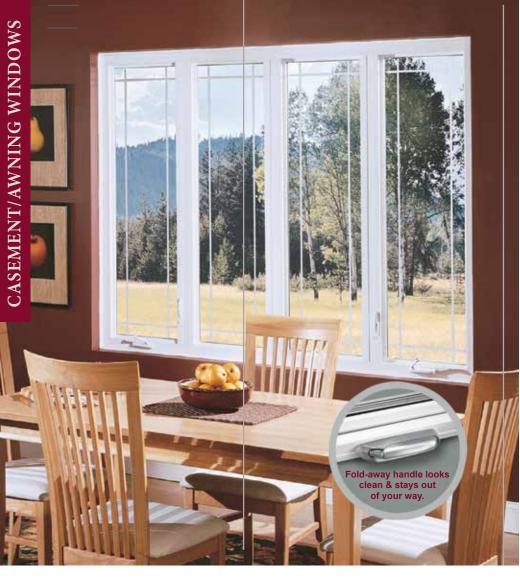
- Fusion-welded corners on sash and mainframe deliver superior strength and structural integrity.
- Multi-chamber extrusion design increases structural integrity and energy efficiency.
- Heavy-duty weatherstripping provides superior protection from air and water infiltration.
- Nylon-encased dual brass roller system ensures smooth operation of the sashes.
- Hidden screen track creates a clean-line appearance.
- Finger-friendly sash ventilation tabs allow fresh airflow.







SLIDING WINDOWS



#### CASEMENT WINDOWS

Combining timeless style with modern practicality, our casement windows will lend a distinctive touch of refinement to any room. The attractive design features an easy-touch crank handle to open and close the window.

- Beveled exterior sash design gives the window an architecturally pleasing appearance with an attractive slimline look.
- Step-down frame with compression bulb seal provides a tight seal.
- State-of-the-art, high-endurance hinge system provides multi-directional ventilation and allows sash cleaning from inside the home.
- Heavy-duty crank mechanism permits easy operation when opening and closing the sash.
- Metal reinforcement helps to secure the operating hinge system.
- Multi-point locking system ensures a tight fit and added security.
- Multiple lite configurations available in single mainframe.

#### **BOW & BAY WINDOWS**

Quality-crafted with attention to detail, our bow and bay windows will add character and charm to any room while creating the appearance of a larger living area.

- 1-1/4" furniture-grade veneer is standard in the construction of head, seatboards and jambs.
- Head and seatboard are finished in oak or birch veneers and are ready for painting or staining.\*
- 3" pre-insulated (R 7.5) seatboard option helps increase energy savings.
- Reinforced mullion design provides superior strength and support for the selected components.
- Available in a wide selection of elegant interior and exterior colors.
- Exterior roof system available with steel, copper or asphalt shingles.



#### AWNING WINDOWS

Opening up and out, awning windows are an ideal way to add ventilation to your home. Combine awning windows with fixed lites for additional window design options.

- Beveled exterior sash creates the appearance of a larger glass area with a clean-line design.
- Heavy-duty, state-of-the-art hinge system provides easy operation from inside the home.
- Metal reinforcement helps to secure the operating hinge system.
- Awning windows feature a dual-point locking system for a safe, secure fit.
- Multiple lite configurations available in single mainframe.







#### **SLIDING PATIO DOORS**

Our patio doors invite the natural beauty of sunlight into your home and create a strong and tight shield against inclement weather. The heavy-duty construction provides superior style and performance that will stand the test of time.

- Mainframe and sash extrusions won't chip, peel, crack or warp. Premium virgin vinyl resin is colored all the way through to ensure a durable, luxurious finish.
- 2 Sturdy white pine wood mainframe substructure combined with vinyl cladding creates an effective thermal barrier.
- 3 Metal-reinforced sash components provide added strength and structural integrity.
- 4 Weatherstripping in extra-deep integral interlocks at meeting stiles increases insulation and helps block air infiltration.
- 5 Insulated glass unit with foam, or with the PPG Intercept Warm-Edge Steel Spacer System, saves energy year-round by reducing the transfer of heat and cold.
- 6 Dual durometer glazing system absorbs shocks and helps guard against inclement weather.
- 7 Heavy-duty structural composite roller system with stainless steel ball bearings provides effortless operation and movement of the door panel.
- 8 Low-profile, anodized aluminum sill cover for extra strength and durability.

#### ADDITIONAL FEATURES

- Triple-screw, butt-joint frame construction creates precision-fit corners for maximum strength and weathertight performance.
- Double weatherstripping and vinyl bulb seal offer superior thermal efficiency.
- Durable fiberglass screen with aluminum frame features an adjustable independent wheel system in all four corners and a controlled, spring-tension system for smooth gliding that stays on track.
- Available in a 2-lite style in 5, 6' and 8' widths; a 3-lite style in 9' width; and a 4-lite style in 12' width with center panels opening to each side. Height is standard 79-1/2". Custom sizes available.
- Choose from our complete collection of colors as well as left or right moving door panels.

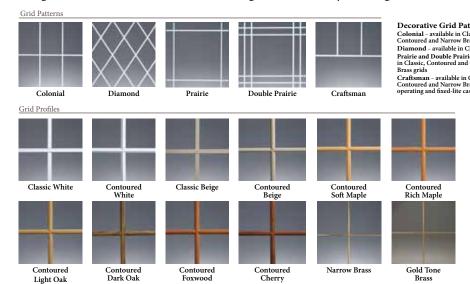


#### DESIGN OPTIONS FOR CUSTOM APPEAL

Choose from our full selection of decorative options to give your windows your personal touch — both inside and out.

#### **DECORATIVE GRIDS**

Enhance the appearance of your windows by adding decorative grids. All grids are enclosed within the insulated glass unit for easy cleaning.



## Need More Ideas? Ask the Window Experts!



#### FRAME FINISHES

Our Window Color Collection lets you add the perfect measure of style to your windows.



Exterior colors feature a cutting-edge polyure thane coating technology with heat-reflective pigments for a remarkably strong, fade-resistant and highly weatherable finish.

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outstanding durability. \*White woodgrain is available with a Beige base only.
\*\*Extruded solid color.