



from **MARVIN**
Windows and Doors

Built to perform.



ALL ULTREX[®]
S E R I E S

Built to perform.®

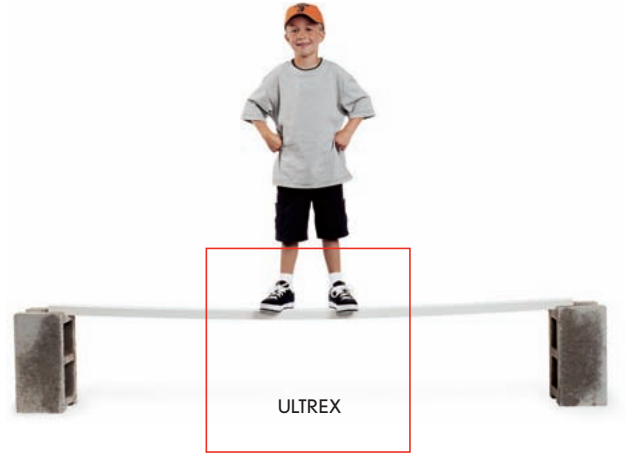
More strength, durability and performance are offered by Integrity® from Marvin All Ultrex® Series. With an exterior and interior of Ultrex, a pultruded fiberglass material that outperforms and outlasts vinyl, this series is everything you want plus the reputation for quality from Marvin Windows and Doors. The All Ultrex Series is easy to order, simple to install, delivered on time, energy efficient and extremely well built so you'll have virtually no call backs. Take performance to the next level with Integrity from Marvin, **All Ultrex Series.**



Contents

- 2 Ultrex Performance
- 4 Energy Efficiency
- 6 Product Options
- 8 Casement & Awning
- 10 Single Hung Windows
- 12 Double Hung Windows
- 14 Glider Windows
- 16 Polygon Windows
- 18 Sliding Patio Door
- 20 Lite Cuts

Ultrex® Looks like a beauty. Works like a beast.



Ultrex is 8x stronger than vinyl! Tough, dependable, non-corrosive and low-maintenance, the last word in window and door construction is Ultrex.

If you've ever struggled with an ill-fitting, dinged or cracked window, there's good news: Ultrex. Ultrex is superior to vinyl and roll-form aluminum in virtually every way – strength, beauty, stability, durability, and energy-efficiency. From easy installation to trouble-free maintenance (with virtually no call backs), Ultrex is a great window and door material that translates into a hassle-free experience.

And its from Integrity® from Marvin Windows and Doors, the global leader in composite windows for more than a decade.



Ultrex A foul weather friend

Ultrex stands up to rain, wind, heat, time—looking beautiful and performing well long after other window and door materials have lost their luster. A patented high-performance coating process, superior to anything else on the market, puts down a heavy acrylic finish: no pin-holes, no striations, no chalking, no fading, no scratching, no UV degradation—no worries.

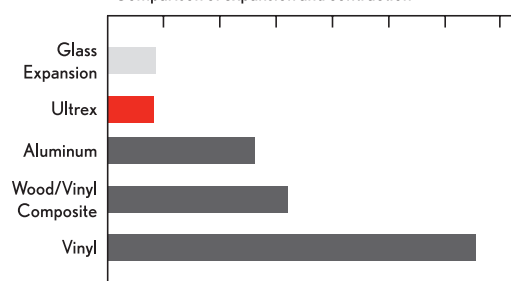
Ultrex resists distortion even at temperatures up to 350°F. Rapid temperature change doesn't faze it: When the mercury climbed from -30°F to 70°F, a 6' stile changed less than 1/32" in length.

And Ultrex can be painted dark colors, even black, without compromising its structural integrity.

With a seal this tight, only good news gets out.

Ultrex has a low thermal expansion rate. Plus, Ultrex expands at virtually the same rate as glass, so the entire window stays tightly sealed, with no leaks, seal failures, or stress cracks. Unlike vinyl, which can distort in extreme heat or streak and crack in fluctuating temperatures, Ultrex stays square, true and beautiful over the long term.

Comparison of expansion and contraction



ULTREX: 34,000 psi tensile



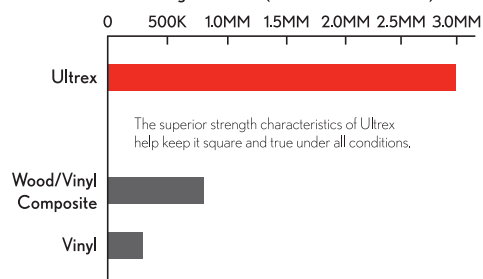
STEEL 33,000 psi tensile



Ultrex has a tensile strength equal to that of steel.

One square inch of Ultrex could hold the weight of eleven cars— totalling 34,000 pounds!

Average Modulus (stiffness measurement)



Patented finish that EXCEEDS AAMA 623

NO WORRIES

15+ YEARS OF ADVANCED COMPOSITE EXPERTISE

833% LESS EXPANSION THAN VINYL

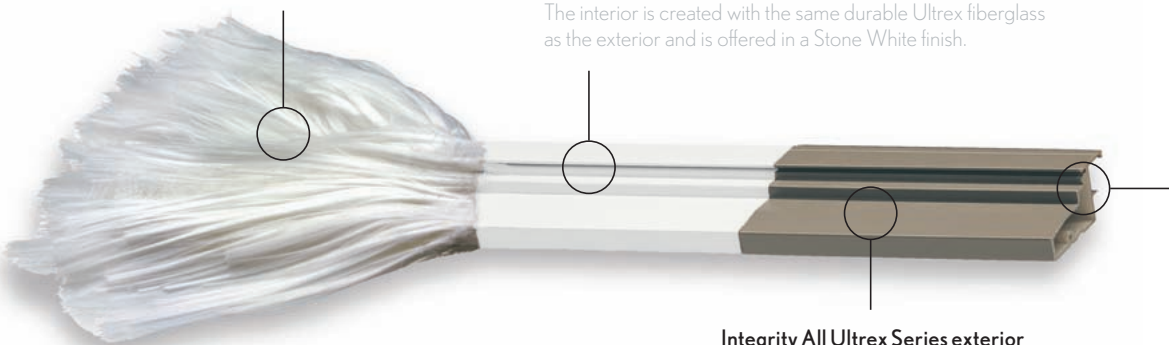
THE STRENGTH OF **STEEL**

8X STRONGER THAN VINYL

Proprietary pultrusion technologies deliver **PROVEN COMPOSITE PERFORMANCE**

Pultruded fiberglass

Thin strands of strong glass cable, saturated with compounded resins to create a durable material.



Integrity All Ultrex Series interior

The interior is created with the same durable Ultrex fiberglass as the exterior and is offered in a Stone White finish.

Integrity Ultrex Construction

The patented and advanced thin wall construction technologies of Ultrex allow for detailed profiles and component optimization, as well as superior aesthetics and performance.

Integrity All Ultrex Series exterior

Integrity's impermeable factory finish exceeds AAMA 623 performance requirements and is available in Stone White, Pebble Gray, Cashmere, Bronze, Evergreen and Ebony. Can be painted with no impact on its protective properties

Energy Efficiency

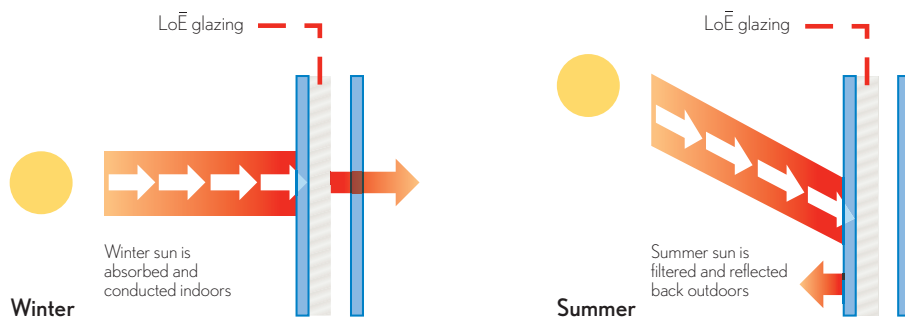
An ENERGY STAR is born.

ENERGY STAR qualified windows can save you fifteen percent of your total energy bill.¹ And Integrity® from Marvin products don't simply qualify for the ENERGY STAR rating; they exceed its performance requirements.



Why? Because Ultrex® is 500 times less conductive than aluminum. (In that, it resembles wood and PVC.) And—compared to single-pane unglazed windows—Integrity's double-pane windows with LoE coatings can reduce window heat loss and cut costs by 34% in cold climates, and cut cooling costs by 38% in warm climates.² Argon gas, which has thermal conductivity 30% lower than that of air, and a warm-edge spacer also contributes to Integrity's energy efficient products.

At the same time, UV rays are screened to reduce fading and damage to upholstery and carpets.



LoE stands for "low emissivity" and is designed to improve thermal performance. LoE glass is coated with microscopic metal or metallic oxide layers to reflect or absorb the sun's warmth, as well as reduce the damage from UV rays.

Integrity All Ultrex Series has received outstanding performance measures from both the National Fenestration Rating Council (NFRC) and Window & Door Manufacturers Association (WDMA). For more information consult the Integrity All Ultrex Performance Sheet or your local Integrity from Marvin representative.

¹ ENERGY STAR at www.energystar.gov

² Sustainable Energy Coalition at www.sustainableenergy.org

Manufactured to be green.



Everyday, Integrity from Marvin Windows and Doors approaches our business with one question, "How can we do it better?" From creating energy efficient windows with a life cycle that far outlasts the competition to ensuring we lessen our impact in all steps of manufacturing, we provide windows that makes the homes we build part of a greener and brighter future.

Our commitment to environmental responsibility is evident in what our windows are made of, how we make them, and what they can do for the home.

Ultrex is made primarily of silica sand, an abundant natural resource, and recycled glass content. Plus the glass in our products contains 15% - 33% recycled content. Additionally, Ultrex requires 39% less

energy to produce than vinyl and features a patented finish that exceeds AAMA 623 requirements.

The Ultrex manufacturing facility is the only pultrusion company to fully comply with the EPA's 1990 Clean Air Act and has been designated as a MACT (Maximum Achievable Control Technology) facility. Integrity was also designated the Greener North Dakota Company of the Year for 2005—presented by North Dakota Solid Waste & Recycling Association (NDSWRA), and our Fargo facility's environmental management system is ISO-14001-2004 certified.

For more information visit www.integritywindows.com and click on "green building".



Manufactured for quality and the environment.

Integrity from Marvin takes our Built to perform® philosophy to heart, and works diligently to ensure that we hold ourselves to the highest quality and environmental standards possible. That is why Integrity from Marvin is proud that our Fargo facility is both ISO-9001-2000 and ISO-14001-2004 certified.

The International Organization for Standardization (ISO) is a worldwide federation established in 1947 that defines standards for Quality Management Systems (ISO-9001-2000) and Environmental Management Systems (ISO-14001-2004). These universal standards allow companies to provide more streamlined and efficient transactions, and help companies facilitate quality and environmental sustainability throughout their organizations.

ISO certification is a voluntary undertaking and speaks to the depth of an organization's commitment to quality and the environment. Integrity from Marvin willingly took on this challenge in an effort to raise our

own high standards of quality and test our quality management systems against the world's highest standards. To receive certification Integrity underwent an extensive detailed audit process that requires an unwavering commitment to quality and the environment and continuous resolve for improved management systems. Integrity Windows and Doors is proud to have achieved both our ISO-9001-2000 and ISO-14001-2004 certification and will continue to focus our efforts to ensure consistent quality and environmental standards in serving you now and into the future.

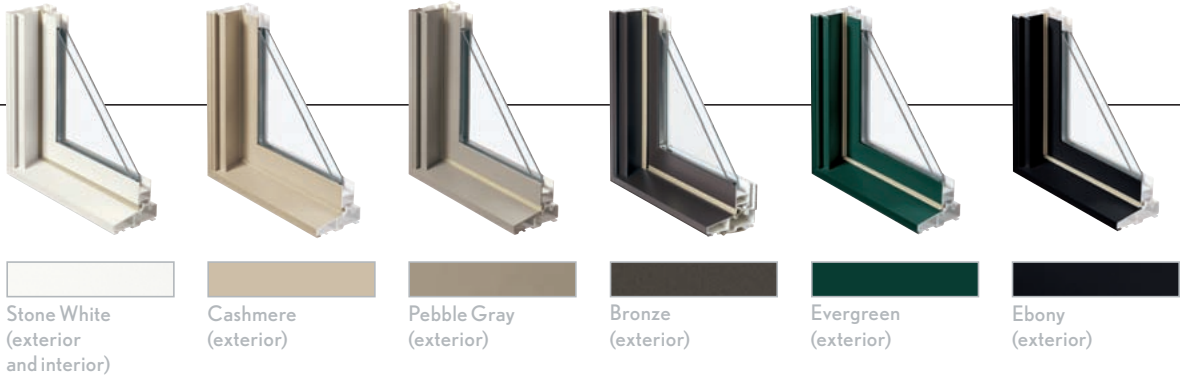
For more information on the International Organization for Standardization (ISO) and their certifications, visit www.iso.org.



Built to please.

Options for Integrity® All Ultrex® Windows and Doors.

Finishes



Glazing



Tempered obscure glass provides privacy and safety. Secure a modicum of privacy without sacrificing the performance of Integrity's LoE² or LoE³-366[®] insulating glass with Argon gas. Available on every All Ultrex window.



Every window and door comes standard with LoE² insulating glass with Argon gas or optional LoE³-366[®] for superior performance and long-term energy costs savings.* Tempered insulating glass with Argon gas is available in LoE² and LoE³-366.

Grilles



Profiled Grilles-Between-the-Glass** are available in several popular lite cut options (see page 21) for a classic divided lite look and easy glass cleaning.

Available in a Stone White interior with a Stone White, Pebble Gray, Cashmere, Bronze, Evergreen and Ebony exterior to match the exterior finish.

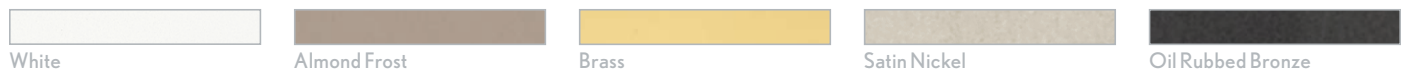
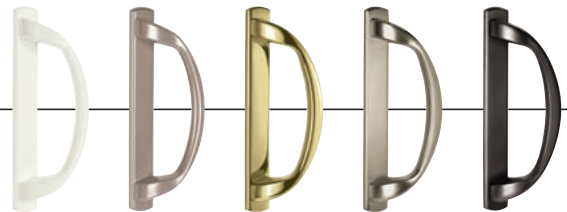
Window Hardware

Integrity window hardware is available in five finish options.



Door Hardware

Integrity door hardware is available in five finish options and features PVD metal finishes with a longer escutcheon.



* Argon gas not available in high elevations where capillary tubes are required.

** Not available in polygons except direct-glaze rectangles.

Built for ease.

Installation accessories that make the difference.



Special Sizes

All Ultrex windows can be specified by rough opening to 1/64" for the perfect fit.



Folding Nailing Fin

Pre-attached fin quickly snaps into place to allow for easy installation from either the interior or exterior.



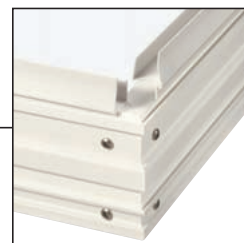
J-Channel

Installs easily with various installation applications, while the detailed profile provides a more dramatic finished appearance.



Frame Expander

Provides the look of a thicker casing profile, while allowing for installation flexibility. Available in 3" and 1" widths.



Sheetrock Return

Factory-applied return accommodates 1/2" - 5/8" drywall and provides time savings on the job site.



3/4" Receiver

Works with thicker installation methods, including box jamb.



Jamb Extension

A 2" window jamb depth is standard, but factory-applied 4 9/16" or 6 9/16" white non-wood jamb extensions are available.



Vent Stop

Temporarily limits sash movement for safety and security.



Sash Limiter

Permanently limits sash movement for safety and security.



Non-Operable Lock

Renders sash inoperable when security is a paramount concern.



Fast, on-time, complete and defect-free delivery and standard factory installed screens make Integrity All Ultrex Series easy to use on any project.

Factory mulling is available and provides on-site time savings and convenience. Field mulling kits are also available and allow for design flexibility and unique custom configurations.

Built for Strength. Designed for flexibility.



- + Dual point sequential locking system provides superior DP40-rated performance with single lever operation.
- + ENERGY STAR qualified and available with LoE²-272[®] or LoE³-366[®] insulated glass.
- + Folding handle provides easy operation and neatly stows out of the way of window treatments and blinds – available in five finishes; White, Almond Frost, Brass, Satin Nickel and Oil Rubbed Bronze.
- + Interior screen features an extruded aluminum surround and concealed pressure mounting points for ease of operation and enhanced aesthetics.
- + Stationary, operating, transom and picture units available.

The amazing strength of Ultrex now in a Casement and Awning. These dynamic windows deliver high end performance with the strength and sustainable characteristics of Ultrex. Dual-arm operating hardware and a single lever sequential locking system deliver DP40 performance. A clean design and measured sight lines provide visual depth and a modern classic feel. Six exterior finish colors, five hardware finishes, assorted lite cut configurations, special sizing to 1/64", and available picture and transom units allow for stunning and unique combinations.



CASEMENT
& AWNING



The All Ultrex® Casement's dual-arm roto gear operation prevents sagging and delivers secure and dependable performance over the long term. The robust hardware and multi-point sequential locking system provide a consistent WDMA DP40 hallmark performance certification.

Tilt latches are ergonomically designed and easy to operate making tilting and cleaning this window even easier.



SINGLE HUNG
WINDOWS



There is more than a single reason to like this beauty. The All Ultrex Single Hung offers DP50 performance on a majority of sizes. Innovative tilt latches, robust low profile sash lock, factory-applied installation accessories, and superior delivery combine with Ultrex construction, LoE glass and energy star qualified performance to make the Single Hung a superior product in both looks and performance. Mull with picture units, transoms, other Single Hung or Polygon units to create unique multiple assemblies. Factory mulling and field mulling kits are available.

- + Removable lower sash easily removes with no tools and no strings or cords to detach.
- + The All Ultrex Single Hung comes with a standard aluminum half screen; optional full screen is available.
- + Sash lock provides a positive detent, reassuring user that the window is either locked or unlocked.



SINGLE HUNG

Designed for beauty.
Engineered for life.

DOUBLE HUNG

Stunning looks, with surprising depth.



- + The Double Hung is equipped with a standard full screen: optional half screen is available.
- + Tilt latches are ergonomically designed and easy to operate making tilting and cleaning this window even easier.
- + Sash lock provides a positive detent, reassuring user that the window is either locked or unlocked.

Bring traditional beauty where it hasn't been traditional. The All Ultrex Double Hung window offers clean, even and measured sight lines that provide significant depth where historically only a flat vinyl facade has been present. Add superior DP50 performance on a majority of sizes, factory applied installation accessories and unparalleled delivery and this window not only looks great it performs great. Mull with picture units, transoms, other Double Hungs or Polygon units to create a myriad of assemblies. Factory Mulling and Field Mulling Kits are available.



DOUBLE HUNG
WINDOWS



The Double Hung features dual operating sash that both tilt and remove with no tool and no cords or strings to detach.

Say goodbye to sagging headers and painful operation of vinyl gliders forever. The All Ultrex Glider offers Ultrex construction that ensures smooth effortless operation for years to come thanks to the superior strength and minimal expansion/contraction properties of Ultrex. Choose an XO, OX or XOX (triple sash) configuration with the confidence that Ultrex construction eliminates sagging headers common to vinyl gliders. An innovative screen design makes removing and installing the screen of our Glider easier than ever. DP40 performance on a majority of sizes and the standard suite of All Ultrex Series options make ordering, delivery, installation and dependable performance effortless.



- + The Glider operating sash easily tilts and removes with no tools and no cords or strings to detach.
- + Tilt latches are ergonomically designed and easy to operate making tilting and cleaning this window even easier.
- + Discreet and ergonomic pull blends seamlessly with the interior while offering durable performance.
- + The Glider is available in a triple sash configuration for a more expansive view.

GLIDER WINDOWS

Effortless operation.
Easy choice.

GLIDER
WINDOWS



Sash lock provides a positive detent, reassuring the user that the window is either locked or unlocked.

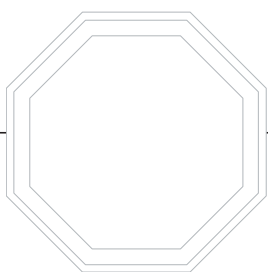
POLYGON
WINDOWS

Big views beg for big windows. Polygons are available with lengths of 96" and overall dimension of 49 square feet.*

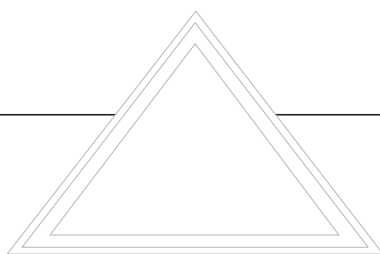


POLYGON WINDOWS

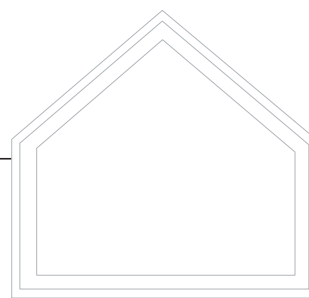
A new angle on style.



Octagon



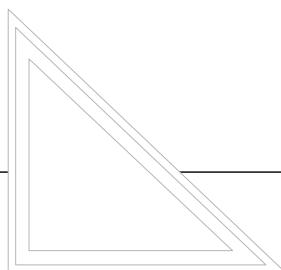
Isosceles Triangle



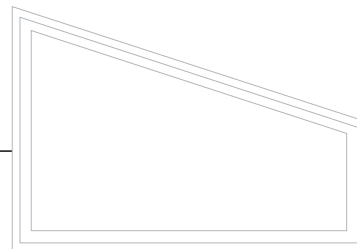
Pentagon



Rectangle



90° Triangle



Trapezoid

- + Standard jambs of 4 9/16" (116 mm) and 6 9/16" (167 mm) are available factory applied or as an extension kit.
- + Consistent, fast delivery applies to even the most unique products.

* Polygons maximum size is 72" x 96". When the longest leg exceeds 72" the shortest leg cannot exceed 72".

Enhance your windows by including the unique shapes and sizes of Integrity All Ultrex Polygons. Choose from eight popular shapes; including rectangles, triangles, pentagons, octagons and trapezoids. Integrity Polygons are available in sizes up to 49 square feet with a maximum span of 9 feet. So think big and imagine the possibilities – sidelites, transoms, flankers, unique assemblies or stand alone units. These windows offer WDMA Design Pressure 50 Hallmark Certification (DP50), and same service, delivery, energy efficiency, strength, durability and options as the rest of the All Ultrex series of products. So dare to dream with confidence, because unique just got a whole lot easier.

SLIDING PATIO DOOR

It works, beautifully.



- + A top hung sliding screen operates smoothly free of dirt and debris.
- + Matching handle set design provides style and security.
- + Interior and exterior handle available in White, Pebble Gray, Cashmere, Bronze, Evergreen and Ebony.

Welcome to consistent durable performance. The All Ultrex Sliding Patio Door provides low maintenance DP30 performance that vinyl just can't match. Ultrex construction ensures this door has the strength, durability and resilience to stand the test of time. Always straight, square and true, so effortless operation is a constant. The All Ultrex Sliding Patio Door offers a large daylight opening, 2-panel and 3-panel configurations, and heights up to 8 feet high. A handle set with matching interior and exterior styling and a top hung screen further this door's amazing style, performance and dependability.



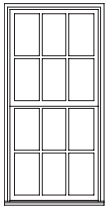
SLIDING
PATIO DOOR



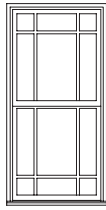
Ultrex strength and durability provide superior performance and continual ease of operation.

INTEGRITY® LITE CUTS

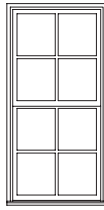
Windows



Rectangular
Available as GBG



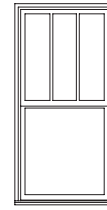
Prairie
Available as GBG



2w2h
Available as GBG

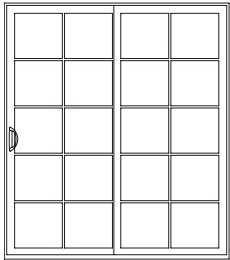


2w1h
Available as GBG

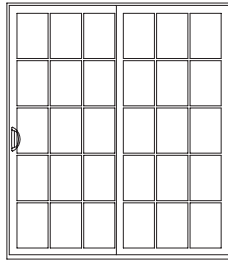


Equal Lite
Available as GBG

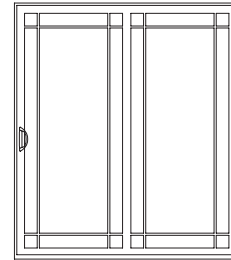
Doors



10/12 Lite
One vertical bar per panel
available as GBG



15/18 Lite
Two vertical bars per panel
available as GBG



Prairie
Available as GBG

Equal lite allows for the number of horizontal and vertical lites to be specified for a custom appearance.

Lite cuts are dependent on product type and size. Please consult your local Integrity from Marvin representative for details and availability.

INTEGRITY WINDOW AND PATIO DOOR LIMITED WARRANTY

INTEGRITY® FROM MARVIN
ALL ULTREX® SERIES

This Limited Warranty applies to Integrity windows and patio doors purchased from an authorized Integrity dealer, and extends to the owner of the structure in which the products are originally installed. This Limited Warranty is fully transferable. This Limited Warranty is applicable only to product installed in the U.S.A. and Canada. For information on warranties available in other countries, please contact Integrity at the address or phone number below.

Glass Components

Glass warranties apply to factory-installed glass or Integrity-supplied glass installed by Integrity-authorized service personnel. Clear insulating glass with stainless steel spacers is warranted against seal failure resulting in visible obstruction through the glass for twenty (20) years from the original date of purchase. All other glass and glass features are provided with the same warranties, limitations, and exclusions Integrity receives from its supplier; contact Integrity for further details.

Non-Glass Components

Non-glass components are warranted to be free from manufacturing defects for ten (10) years from the original date of purchase. Non-stainless steel hardware, hardware without physical vapor deposition ("PVD"), and hardware not otherwise specifically-designated as having a "coastal" finish, when installed within one (1) mile of a sea coast or other salt water source, are not warranted.

Exclusive Remedy

If a covered defect appears during the term of the applicable warranty, Integrity will, at its option, repair or replace the product or component, or refund the price paid for the defective product or component. Removal, installation, finishing, refinishing, and disposal costs and services are not included. Integrity will endeavor to supply original replacement parts; however, replacement parts may differ from the original parts. Replacement parts, including upgrades, are warranted for the remainder of the original product warranty.

Exclusions

Damage, defects, or problems resulting from causes outside Integrity's control are excluded from coverage under the Limited Warranty. Such causes include, without limitation:

Installation, Maintenance, and Acts of God

- installation not in conformance with Integrity's installation instructions and applicable building codes
- non-standard installation, such as non-vertical or sloped glazing, upside down, or out-of square
- installation or use in applications exceeding design standards
- field mulls; field finishes
- glass installed more than 5000 feet above sea level without capillary tubes
- installation or use of Wood-Ultrex product near pools, saunas, hot tubs, or other high-humidity environments
- failure to follow Integrity's care and maintenance instructions
- failure to properly treat, seal, and maintain exposed wood
- use of brick wash, razor blades or other inappropriate cleaners or chemicals
- misuse, abuse, modification, alteration, accident, negligence
- shifting or settling of the structure in which the product is installed
- extreme weather events, extreme or unusual atmospheric conditions
- normal wear and tear; normal discoloration or fading of finishes
- variation in wood color, texture, and grain
- glass imperfections consistent with ASTM or other industry standards which do not affect structural integrity
- war, insurrection, civil unrest, terrorism, or other Acts of God

Warp twist, and warp shall not be considered defects unless in excess of 1/4" in the plane of the door.

Synthetic Stucco Installation in structures that do not allow for proper moisture management, e.g., exterior insulation and finish systems (EIFS) or "synthetic stucco" is not covered under the Limited Warranty.

Thermal Efficiency Integrity does not warrant the amount or percentage of argon or other inert gas present in insulating glass at any time after manufacture. Inert gas dissipates over time, and may be ineffective in products manufactured with capillary tubes. Thermal efficiencies vary with the application of the product. Integrity does not warrant a specific level of thermal efficiency will be maintained by inert gas, low emissivity coatings, or other product features.

Condensation Condensation is not a product defect, but the result of excess humidity. Condensation, frost, or mold, mildew, or fungus on product surfaces is not covered by the Limited Warranty.

Finish Degradation Degradation or failure of the Ultrex finish, hardware, or other components due to environmental conditions such as air pollutants, acid rain, salt, sand, chemicals, or other corrosive or abrasive substances is not covered by the Limited Warranty.

Screens Screens are not designed to, and will not prevent falls.

Disclaimers, Limitations, and Additional Terms and Conditions

DISCLAIMERS This Limited Warranty is the only warranty, written or oral, express or implied, provided by Integrity. No dealer, employee, or agent of Integrity, nor any third party, may create or assume any other liability, obligation, or responsibility on behalf of Integrity. ALL IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. Any implied warranty which cannot be disclaimed under applicable law will be limited in duration to the shortest permissible term and, in any event, will not exceed the term of the applicable express limited warranty; the requirements for presenting any claim so affected will be as provided in this Limited Warranty. Any product or component not specifically subject to this Limited Warranty or another written Integrity product warranty is provided AS IS and without warranty. This Limited Warranty gives you specific legal rights and you may also have other rights, which may vary from state to state. THIS WARRANTY IS NOT A WARRANTY OF FUTURE PERFORMANCE OR A STATEMENT OF THE USEFUL LIFE OF ANY INTEGRITY PRODUCT, BUT ONLY A WARRANTY TO REPAIR, REPLACE, OR REFUND.

LIMITATIONS IN NO EVENT WILL INTEGRITY BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES. IN NO EVENT WILL INTEGRITY'S LIABILITY EXCEED THE PRICE PAID FOR THE AFFECTED PRODUCT OR COMPONENT. The limitations of warranty and liability set forth herein shall survive and apply, even if the exclusive remedy set forth in this Limited Warranty is found to have failed of its essential purpose.

Certifications and Ratings Many standard Integrity products are labeled with the Window & Door Manufacturers Association (WDMA) Hallmark Certification. WDMA Certification is based on the performance of a single sample of the product at the time of manufacture. Many standard Integrity products are labeled with National Fenestration Rating Council (NFRC) ratings. NFRC ratings are based on a combination of computer simulations and physical testing of product samples. Certifications and ratings apply to single products only and do not apply to mull or combined products. Performance of individual products may vary and will change over time, depending upon the conditions of use. WDMA certifications and NFRC ratings are not performance warranties. For details on Hallmark Certification, go to www.WDMA.com. For details on NFRC Energy Performance ratings, go to www.NFRC.org.

Suitability Determining the suitability and compliance with local or other applicable building codes or standards, of all building components, including the use of any Integrity product, and the design and installation of any flashing or sealing system, is the responsibility of the buyer, user, architect, contractor, installer, and/or other construction professional. Integrity will not be liable for any problem or damage relating to inappropriate or faulty building design or construction, maintenance, installation, or selection of products. Integrity does not warrant any product's compliance with local or other applicable building codes or standards, or its suitability for use in connection with a project seeking third party certification to any standard.

No Waiver Integrity may, in its discretion, extend benefits beyond what is covered under this Limited Warranty. Any such extension shall apply only to the specific instance in which it is granted, and shall not constitute a waiver of Integrity's right to strictly enforce the exclusions, disclaimers, and limitations set forth in this Limited Warranty in any or all other circumstances.

Warranty Claims All warranty claims must be made within sixty (60) days of the appearance of the defect. To make a warranty claim, contact your local Integrity dealer or distributor. If you do not know the name of your local dealer or distributor, use the "Locate a Retailer" feature at www.integritywindows.com, or call 800--533--6898 to locate the one nearest you. If, after five days, your dealer or distributor has not responded, send a written request to Integrity Windows and Doors, PO Box 100, Warroad, MN 56763, Attn: Warranty Department. Include the following information: your name, address, and telephone number, the date you purchased your product, the name of the dealer or distributor from whom you purchased your product, a description of product, order number, specific definition of problem or defect, actions you have taken and contacts you have made with your local dealer or distributor. Once we've received your letter, we will respond to your claim promptly.



All Ultrex® Series

Call 1-888-419-0076 for the Integrity dealer
nearest you, or visit www.integritywindows.com

© 2010 Marvin Windows and Doors. All rights reserved. Registered trademark of Marvin Windows and Doors.
ENERGY STAR, and the ENERGY STAR certification mark are registered U.S. marks. Part #19981479

