



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.**



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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.

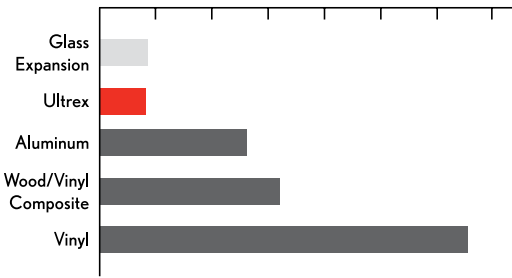
Ultrex resists distortion even at temperatures up to 350°F. Rapid temperature change doesn't faze it: When the mercury climbed from -30°F to 70°F, a 6' stile changed less than 1/32" in length.

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



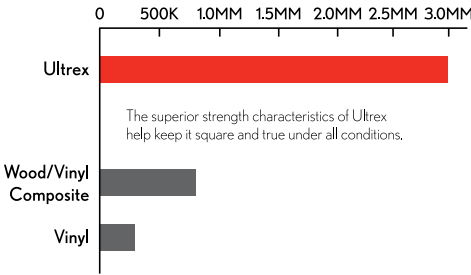
STEEL 33,000 psi tensile



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

6X

MORE RIGID

THAN VINYL

8X

STRONGER

THAN VINYL

Proprietary pultrusion technologies deliver

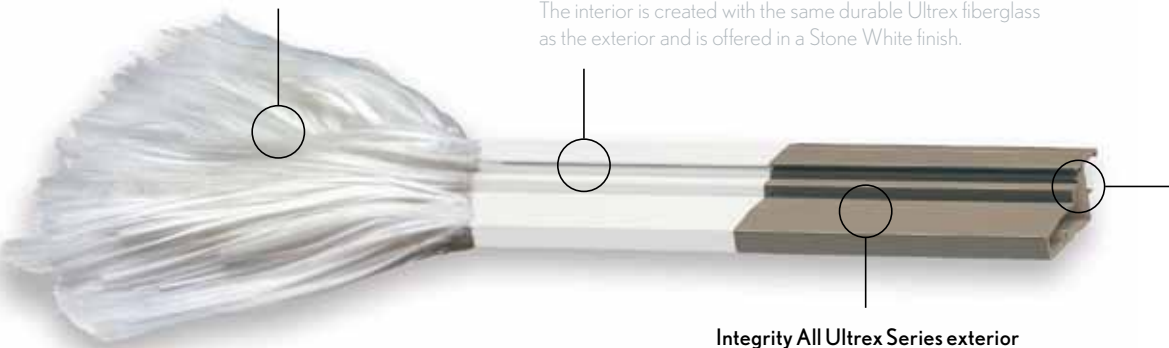
PROVEN

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

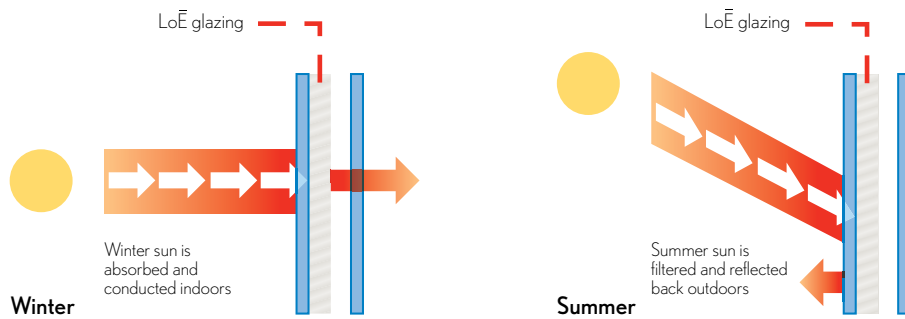
An ENERGY STAR is born.

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.

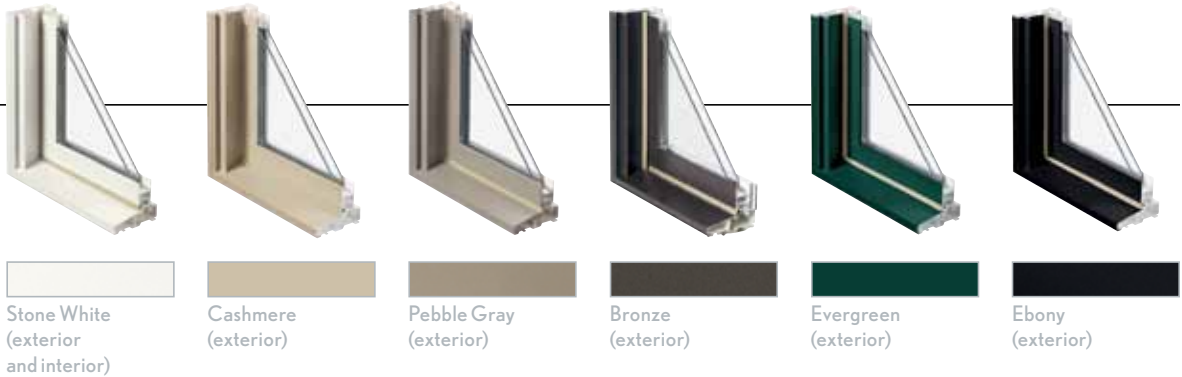
For more information on the International Organization for Standardization (ISO) and their certifications, visit www.iso.org.



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.

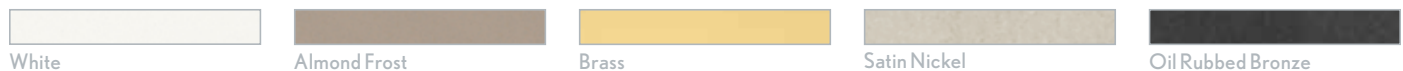
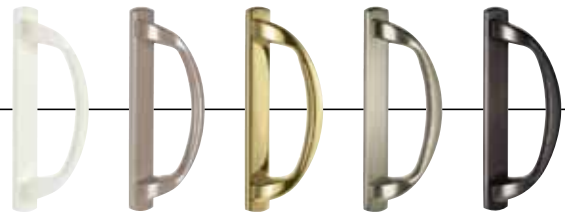
Window Hardware



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.

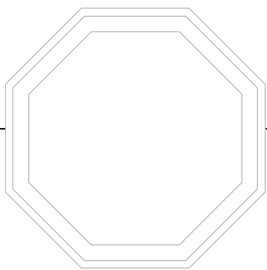
POLYGON
WINDOWS

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

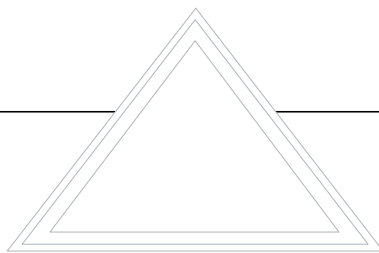


POLYGON WINDOWS

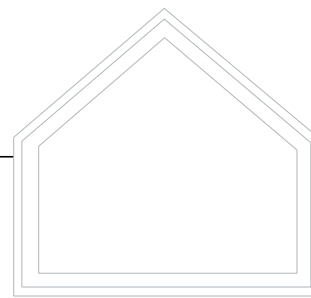
A new angle on style.



Octagon



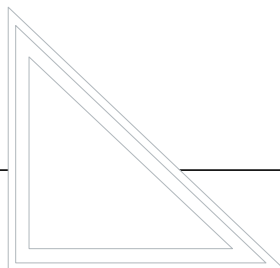
Isosceles Triangle



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.



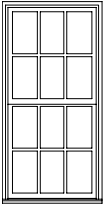
SLIDING
PATIO DOOR



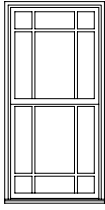
Ultrex strength and durability provide superior performance and continual ease of operation.

INTEGRITY® LITE CUTS

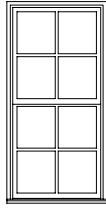
Windows



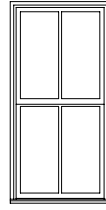
Rectangular
Available as GBG



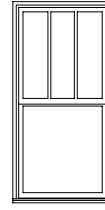
Prairie
Available as GBG



2w2h
Available as GBG

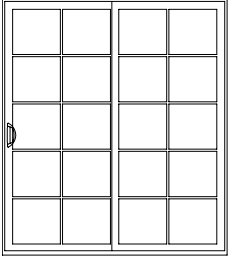


2w1h
Available as GBG

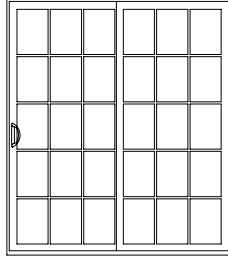


Equal Lite
Available as GBG

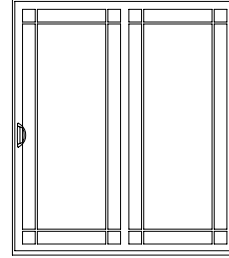
Doors



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.

