



TRINSIC™ SERIES

V300

VINYL WINDOWS & PATIO DOORS



NARROW FRAME MAXIMIZES VIEWS

CONTEMPORARY DESIGN





Contemporary Look. Narrow frame.

If you've been looking for a contemporary vinyl window and patio door, Trinsic™ Series is for you.

Awarded #1 Quality Vinyl Window in the Western US*, and crafted with a unique vinyl formula, Trinsic Series offers the maximum available viewable glass area so you can enjoy amazing views. Plus, the low-profile hardware, uniquely designed for this series, practically disappears.

*2020 BUILDER Magazine Brand Use Study

TRINIC SERIES | V300 OFFERS:

- NEW! Black interior and exterior frames for the latest design trend
- Clean lines and narrow frames for a sleek, modern look
- Redesigned squared off profile on our easy to use SmartTouch® window lock
- Even sightlines for an aesthetically pleasing look throughout your home
- A variety of exterior colors to enhance the look of your home, including Black (exclusive to Trinsic Series)
- A Full Lifetime Warranty with Glass Breakage as an optional upgrade

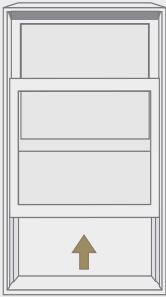
Embrace
modern
home design
with our
newest vinyl
windows
and patio
doors



Define Your Home with Windows

Trinsic™ Series offers a variety of custom-made operating styles constructed from a durable vinyl that won't absorb moisture and does not require painting. With the even sightlines across the series, you can mix and match and still enjoy a cohesive look from top to bottom. The 2 7/8" jamb depth is perfect for 2" blinds.

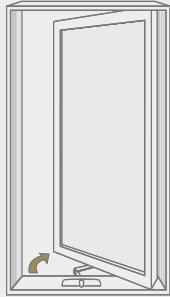




Single Hung

HARDWARE

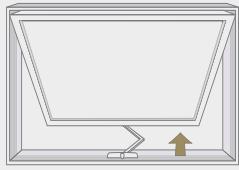
SmartTouch® Lock, Vent Stop



Casement

HARDWARE

Folding Nesting Operator, Sash Lock
(Optional oversize handle available)



Awning

HARDWARE

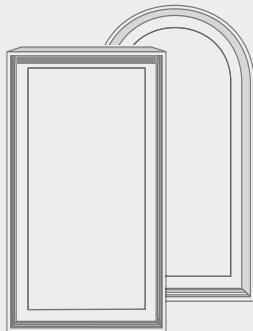
Folding Nesting Operator, Sash Lock
(Optional oversize handle available)



Horizontal Slider

HARDWARE

SmartTouch Lock, Vent Stop



Picture and Radius

HARDWARE

Non-operable



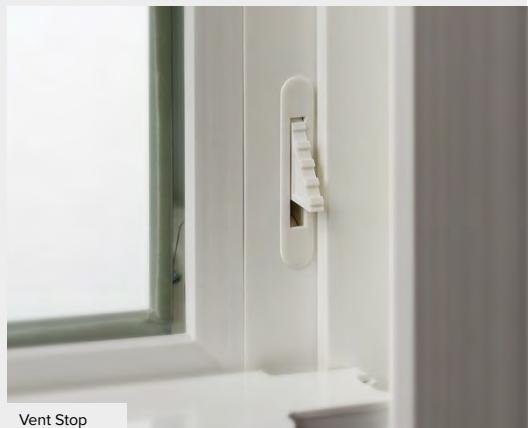
SmartTouch Lock



Folding Nesting Operator



Sash Lock



Vent Stop

*Hardware color will match interior frame color selection of white, tan or black.
All windows come with pull rail screens for easier removal and installation.*

SmartTouch® Innovation

Exclusive to Milgard

Milgard has a long-standing tradition of innovation. The SmartTouch window lock addresses the need for durable, easy to use windows and patio doors that exceed rigorous California forced-entry codes*.



SmartTouch Lock - closed



SmartTouch Lock - open

INTUITIVE

It's the easiest way to unlock and lock windows allowing you to open or close them in one smooth, single motion. No pinching, squeezing or twisting.

STREAMLINED

The SmartTouch window lock mechanism is incorporated into the window sash for a sleek, low-profile design.

STRONG

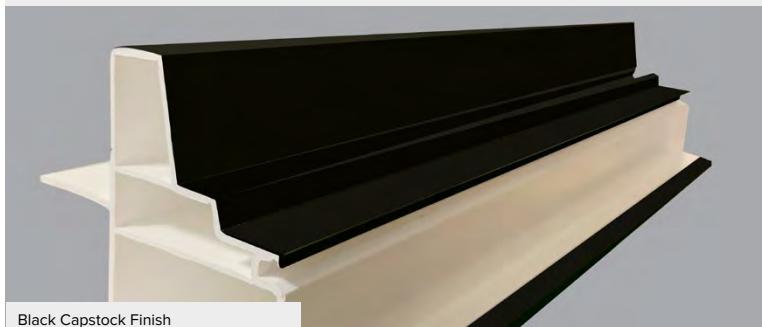
The lock assembly is constructed from die-cast zinc making it strong and built to last.

REDESIGNED

Specially redesigned for Trinsic™ Series, the new look of this SmartTouch window lock offers a squared off profile that blends into the frame profile and practically disappears from view. This window lock is used on horizontal sliders and single hung operating styles.

SECURE

It offers peace of mind you can see. When the handle is down, the window is locked so you can rest assured your window is secure at a glance.



Black Capstock Finish

Capstock Finish

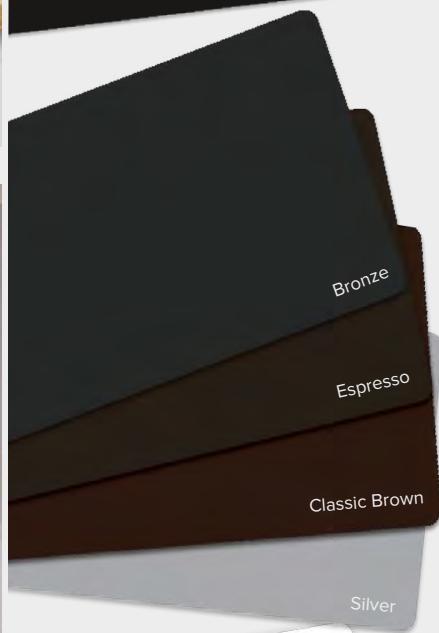
Capstock is an acrylic layer that covers – or “caps” – a vinyl profile. The acrylic layer is extruded together with the underlying vinyl profile, ensuring maximum bonding and superior durability. This new finish option is now available on Trinsic Series.

Make a Statement with Color



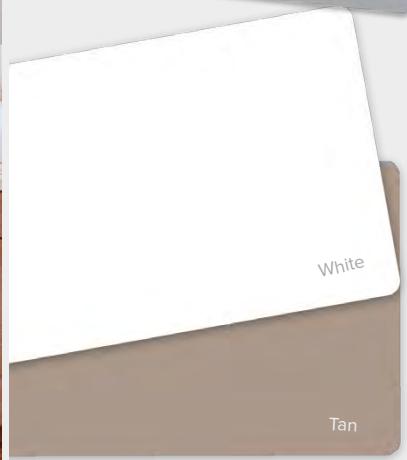
Capstock Finish

White or color matched interior



Painted Exterior Finishes

White interior only



Standard Finishes

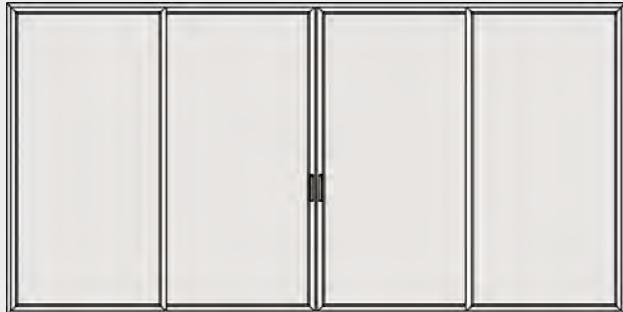
Matching interior and exterior

Colors shown are approximate. Visit your local Milgard Certified Dealer to see accurate finish samples.

Trinsic™ Series | V300 Patio Doors

Trinsic Series vinyl patio doors have a modern style and an expansive viewable glass area perfect for capturing outdoor vistas. The even sightlines offer a streamlined and aesthetically pleasing feeling throughout your home. A narrow frame profile provides a sleek, clean look, allowing your view to take center stage.





Sliding Doors

- A sliding door custom made to your specifications with a 4-5/8" jamb depth
- A sleek, squared off door handle with 90 degree angles for a modern flair
- Superior energy performance with SunCoat® Low-e glass coatings and foam spacers
- High quality rollers allow for effortless operation and adjustment of door panels
- The Milgard Full Lifetime Warranty for peace of mind
- Available in 1, 2, 3, and 4 panel configurations

OPTIONS

- Narrower door handle that blends in with the frame
- PureView® screen for enhanced visibility
- Glass Breakage Coverage

SIZING (Sizes can vary by location)

1 Panel:	Min 2'6" w x 6'8" h	Max 4'0" w x 8'0" h (fixed)
2 Panel:	Min 5'0" w x 6'8" h	Max 8'0" w x 8'0" h
3 Panel:	Min 9'0" w x 6'8" h	Max 12'0" w x 8'0" h
4 Panel:	Min 10'0" w x 6'8" h	Max 16'0" w x 8'0" h

HARDWARE

Standard and decorative upgrade options available

Sizes can vary by location. Your Milgard Certified Dealer can provide more detail on sizes available in your area.

Choose Your Door Hardware

Sliding Door Hardware

This newly designed handle has a crisp and clean contemporary feel which mirrors the window lock. Consider the optional upgrade for a squared off look and narrower handle that blends seamlessly into the frame.

STANDARD INTERIOR OPTIONS

- Contemporary handle available in white, tan or black
- D handle available in white, tan or black



CONTEMPORARY HANDLE



D-HANDLE

STANDARD EXTERIOR OPTIONS

- Exterior handle color will compliment door frame color selection
- Exterior handle can come either keyed or unkeyed



EXTERIOR HANDLE

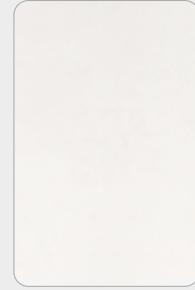
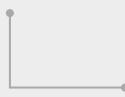


EXTERIOR HANDLE WITH KEYED LOCK

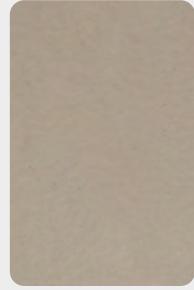


DECORATIVE HANDLE UPGRADE

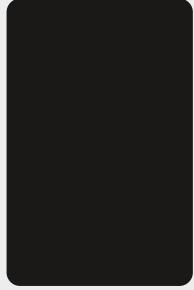
Hardware Finishes



White



Tan



Black

Make it Your Own



Grids

Express your creativity and dramatically increase your home's curb appeal with our virtually endless grid options. Select grid choices placed inside our insulated glass units for easiest window cleaning.



FLAT GRID



SCULPTURED GRID



SIMULATED DIVIDED LITES

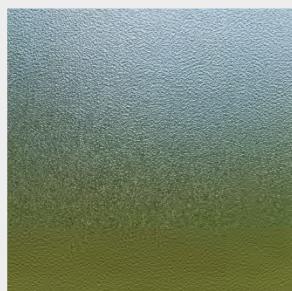


CHECK RAIL

Decorative Glass

For rooms, such as the bathroom, we offer obscure glass for privacy or decorative flair.

We also have tinted glass for additional shading from direct sunlight.



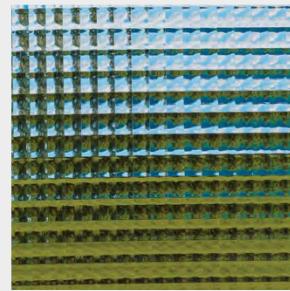
P516



RAIN



MATELUX



CROSS REED

Details That Matter

Trinsic Series is suitable for a variety of architectural home styles, and multiple frame types allow for use in both new construction and replacement applications.

Even Sightlines

All Trinsic™ Series windows come with even sightlines, from top to bottom, and across operating styles.

This provides a streamlined and aesthetically pleasing look throughout your home, no matter which window operating style you choose.



Installation Configurations



Block



Nail Fin



Z-Bar



ENERGY EFFICIENT

WINDOWS AND PATIO DOORS



HIGH PERFORMING ENERGY OPTIONS
FOR A COMFORTABLE HOME

Energy Efficiency

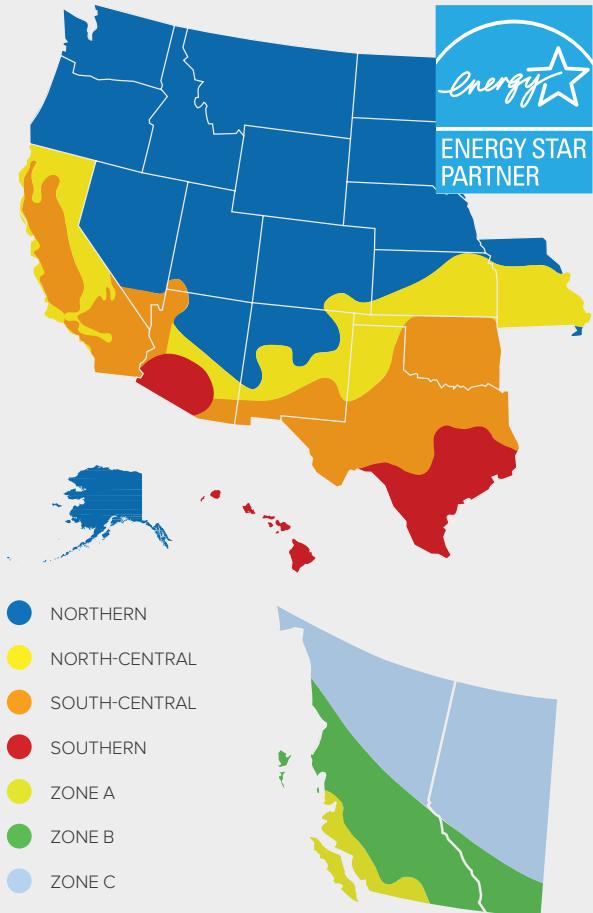
Tested and Built for Your Climate

At Milgard, we help homeowners like you make an impact on their energy consumption by offering energy efficient windows and patio doors designed for your homes comfort. Our thermally improved windows and doors include a polyurethane channel to reduce thermal transfer and improve energy efficiency.

We make it easy to meet local energy codes and green building efficiency standards with a selection of energy packages you can tailor to your specific climate. We conduct thermal simulations to improve energy performance and we adhere to ENERGY STAR® v6 requirements that meet or exceed U-Factor and Solar Heat Gain Coefficient (SHGC) criteria in the areas we serve.



THERMALLY IMPROVED ALUMINUM FEATURES A POLYURETHANE CHANNEL TO REDUCE THERMAL TRANSFER AND IMPROVE ENERGY EFFICIENCY.



Your energy efficient windows could include one or more of the following features based on your climate.

SunCoat® or SunCoatMAX®

EdgeGardMAX™ Spacer

Foam Spacer

Argon

4th Surface Low-e

The Components



Your Milgard Dealer will guide you to find the best energy efficient features for your home and your climate.

Dual and Triple Glazing - Many older windows were built with a single pane of glass. Energy efficient windows use dual or triple pane glass (or glazing) to better insulate and help reduce energy usage in the winter and protect against heat build-up during the summer. Triple glazing adds a third layer of glass that improves insulating properties, keeping homes in northern regions warmer.

SunCoat® and SunCoatMAX® Low-E Glass Coatings - Low-E means 'low emissivity' and describes glass that has a solar control coating to improve thermal performance. Glass coating technology has helped create more energy efficient windows. A thin coating is applied to one side of the glass to reflect heat toward the outside in the summer and keep heat inside the building in the winter. As a result, homes with Low-E glass windows and doors enjoy more consistent temperatures year-round for comfort and energy savings. Carpet and furniture are also better protected against UV rays and color fading. Milgard SunCoat is Low-E2 and SunCoatMAX is Low-E3 giving you better levels of protection.

4th Surface - 4th Surface turns double-pane windows into triple-pane performers. It's a durable TCO (Transparent Conductive Oxide) coating that enhances the U-factor of the window by reflecting heat back into the home. 4th Surface provides energy performance levels in a Dual Glazed insulated unit that previously were only attainable with our Triple Glazing option. It also offers more light transmittance and less reflectance than triple glazing.

Spacers - A spacer keeps a window's dual glass panes the correct distance apart for optimal insulation between panes. Too much or too little air space can affect the insulating glass efficiency.

EdgeGard® and EdgeGardMAX® Spacers - Traditional aluminum box spacers use desiccant and sealant between two panes of glass to provide insulation. With a more advanced design, Milgard EdgeGard window spacers provide superior insulating properties and helps to reduce condensation. EdgeGardMAX is a state-of-the-art window spacer using an advanced design to stop heat flow and reduce condensation to improve energy efficiency and help extend the life of the glass unit.

Argon and Krypton gas-filled spacers - Argon gas, used between panes, is often an option offered by top window manufacturers. It enhances thermal performance without getting in the way of the view. Krypton is another invisible gas that offers higher levels of thermal protection.

U-Factor - U-factor is a measure of heat lost and indicates how well a window, skylight or patio door can withstand heat transfer. The lower the u-factor value, the higher the insulating performance of a building element. U-factors on windows generally range from 0.25 to 1.25.

Solar Heat Gain Coefficient (SHGC) - SHGC measures the amount of solar radiation transmitted through a window, expressed as a number between 0 and 1. The lower the SHGC, the less solar heat the window transmits.



Why Milgard Windows & Doors

Quality

Milgard offers award-winning windows and patio doors built for long-lasting comfort. For over 50 years, industry experts have consistently recognized Milgard as a trusted brand.

Service

We have always taken great pride in our ability to provide exemplary customer service. We believe that being close to our customers allows us to provide a better service experience. You'll find Milgard factory trained technicians near you in the Western U.S. and Canada.

Experience

Since 1962, Milgard has designed and assembled superior custom-made windows and patio doors for replacement, remodeling and new construction. Milgard is known for their industry-leading designs, using patented technologies, that help make your home more comfortable.

Warranty

We have a dedication to quality and build our windows and patio doors to last. Milgard offers industry-leading and competitive warranties depending on the series you choose. Learn more and see complete details at

MILGARD.COM/WARRANTY

HIGH PERFORMANCE GLASS – Milgard's SunCoat® & SunCoatMAX® Low-E

SunCoat® Low-E is a transparent, low-emissivity coating applied to one side of the glass in our dual-pane windows. This microscopically thin coating filters the sun's energy in the summer and reduces heat loss in the winter, making even energy bills look better. Low-E has been a product usually recommended for cold climates. Now with our introduction of SunCoat Low-E glass, you can use this product everywhere, from the heat of Southern Nevada desert to the cold of Chicago and Alaska winters.

You can get even greater thermal performance with the addition of argon gas to our standard, dual-pane, SunCoat Low-E insulating glass. In fact, our vinyl and fiberglass insulated windows have even been recognized by ENERGY STAR® for their exceptional energy-saving qualities in your home.

The Benefits of Milgard SunCoat Low-E Glass Are Clear

- Comes standard on all Milgard windows and doors
- Reduces heat and cooling loads
- Reduces harmful UV rays that fade carpet and furniture up to 86%
- Provides all around comfort, all year long

SunCoatMAX is also a low-emissivity coating but it has three spectrally selective layers to filter out UV while providing a lower solar heat gain and allowing 66% visible light transmittance. What is more, SunCoatMAX provides the ultimate in fading protection. It blocks 95% of the sun's damaging ultraviolet rays - a leading cause of fading - so your furniture, carpets, curtains and wall coverings stay beautiful for years.

	Solar Heat Gain Coefficient	Ultra Violet Light Transmittance	Winter Heat Loss (U-Factor)
Clear single-pane glass	0.86	71%	1.04
Clear double-pane glass	0.76	56%	0.48
Milgard SunCoat® Low-E Glass	0.37 - 0.41*	14 - 16%*	0.30
Milgard SunCoatMAX® Low-E Glass	0.27	5%	0.29
----- Ultra Violet Light Transmittance -----			

Note: All values calculated using Window 5.2 and represent center of glass properties. (For more information on the window program, see <http://windows.lbl.gov/software/default.htm>.) All glass is 3mm thick, and ½" gap width. This is for comparable purposes only, your values may differ.

* Contact your nearest [Milgard location](#) to receive the specific value.

Glass and Glazing

TINTED GLASS

Tinted glass is manufactured by the same float glass process, but with an additional additive to give a tint its unique coloration.

Benefits of Tinted Glass:

- Reduces visibility to an interior, adding privacy.
- Absorbs heat to reduce solar heat gain.
- Reduces ultraviolet light damage to interior furnishings.
- Can be tempered.

NOTE: The addition of after-market applied tints or films to Milgard windows and patio doors may cause seal failure or glass breakage, and will void the Milgard Full Lifetime Guarantee.

There are various tints available through Milgard to achieve the energy performance or architectural style that is desired. These tints include Solar Bronze, Solar Gray, Graylite, Solex, Evergreen and Azurlite. Please check with your Milgard Representative on availability of these and other tinted products.

REFLECTIVE GLASS

The reflective coating is applied just like Low-E, either sprayed (pyrolytic process) or applied using the vacuum deposition sputtering process, depending on suppliers.

Benefits of Reflective Glass:

- Reflects light and heat with a metal oxide coating giving a mirror effect.
- Minimizes solar heat gain and ultraviolet light damage to interior furnishings.
- Adds daytime privacy.
- Can be tempered.

There are various reflective glass types available through Milgard to achieve the energy performance or architectural style that is desired. These include Solar Cool Bronze and Solar Cool Gray. Please check with your Milgard Representative on availability of these and other reflective products.

NOTE: Heat absorbing and heat reflective glass can only be used on the exterior lite of a glazing unit, to avoid a build-up of heat inside the airspace, which will cause thermal stress cracks or seal failure.

NOTE: Reflective-type glass works with the play of light. Example: During daylights hours you can't see inside a building with reflective glass, (only your reflection). At night, the opposite effect occurs. You can see in, but the people inside cannot see out. If you specify this type of glazing in a residential application, suggest that a spotlight be placed outside of the window. It will give the same effect as daylight.

LAMINATED GLASS

Laminated glass is produced by permanently bonding two pieces of glass together with a tough plastic interlayer (polyvinyl butyral) under heat and pressure. Once bonded together, the sandwich behaves as a single piece. The interlayer is invisible when viewed through the glass and with glass on either side, the finished lite is indistinguishable from plain glass when installed.

Glass and Glazing

Clearly. The best.

Most often, laminated glass is produced from annealed glass, but tempered glass can be used when special performance needs are present. The benefit of laminated glass – if it is broken, glass fragments adhere to the plastic interlayer rather than falling free and potentially causing injury. Laminated annealed glass can be cut or drilled.

Laminated glass is required in sloped glazing applications (such as skylights), that exceed any of the following conditions:

- The area of each pane (single glass) or unit (insulating glass) exceeds 16 square feet.
- The highest point of the glass is greater than 12 feet above any walking surface or other accessible area.
- The nominal thickness of each pane exceeds 3/16".

Noise Reduction Benefits:

Laminated glass is highly effective in reducing noise, thus reducing Sound Transmission Ratings. The damping characteristics of the plastic interlayer combines with the attenuating characteristics of the air space of the insulated glass (IG) unit to maximize sound reduction.

Example: Two lites of 1/4" laminated glass in an IG unit with a 1/2" air space provides an STC rating of 42. This compares with two pieces of plain 1/4" glass in an IG unit with a 1/2" air space, where the STC rating would be 35.

Laminated glass eliminates 99.9% of ultraviolet rays, making it highly effective in protecting furnishings, displays, merchandise, etc.

Standard laminated glass is 7/32" with a .030 (approx. 1/32") polyvinyl butyral interlayer.

OBSCURE GLASS

To add privacy where window coverings are impractical or undesirable, we recommend obscure glass. Our obscure glass can be tempered for safety and is available in numerous styles, some of which are shown below.



Benefits of Obscure Glass:

- Adds privacy where window coverings are impractical or undesirable (bathrooms, door sidelites).
- Various colors and texture patterns provide a translucent, semi-opaque effect for unique visual design applications.
- Can be tempered.

Please check with your Milgard Representative on availability of these and other obscure glass products.

Glass and Glazing

GRIDS (DIVIDERS, GBG, MUNTINS, ETC.)

With the right choices in grids, you can really make your windows and doors stand out. Grids are available in all of our window and door product lines. Milgard's Montecito® and Tuscany® product lines offer a choice of either flat, sculptured or simulated divided lite (SDL) grid options. The Style Line™ product line offers flat grids as an option.



5/8" Flat grid



1 1/16' Sculptured grid



7/8" SDL grid



Multiple grid configurations allow nearly endless options to customize your home design. By simply altering the grid design, you can dramatically impact the home's curb appeal. Below are just a few of the many possible grid configurations.



Please check with your Milgard Representative on availability of these and other grid patterns.

BASIC GLASS DEFINITIONS

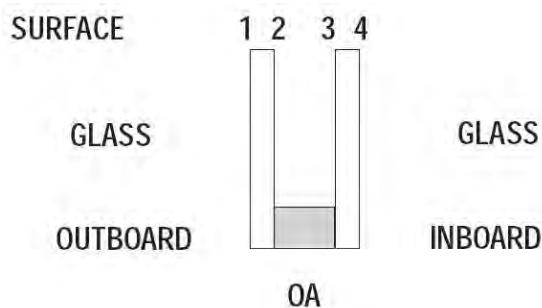
Lite: Single piece of glass

SS: Single strength glass, 3/32" thickness

DS: Double strength glass, 1/8" thickness

IG Unit: Two or more pieces of glass separated by a hermetically (air-tight) sealed airspace, forming a construction that reduces heat transfer for improved thermal performance.

O.A.: The thickness, overall, of an insulated unit of glass, including both pieces of glass and the spacer bar.



**Tuscany® Series | V400 — Trinsic™ Series | V300
Style Line® Series | V250 (upgrade*)**



FULL LIFETIME WARRANTY

for Original Owner of Owner-Occupied Residential Dwelling Within the Service Territory

LIFETIME LIMITED WARRANTY

for Original Owner of Owner-Occupied Residential Dwelling Outside the Service Territory

10-YEAR LIMITED WARRANTY

All Other Owners of Covered Product

Coverage. This Warranty provides exclusive coverage for the windows and doors listed above manufactured by Milgard Manufacturing LLC ("Milgard"), sold after April 1, 2021, and installed in the United States or Canada ("Product"). *Style Line Series is covered under the Full Lifetime Warranty only if the upgrade is purchased at the time of sale and reflected on the order document.

Upon proper notice of a claim by the Product owner ("Owner") received per the terms stated herein ("Claim"), Milgard will provide replacement parts ("Parts") to correct a nonconformity in material or workmanship causing a significant impairment in usage of the Product or an obstruction of vision through the insulated glass unit ("IGU") (collectively "Nonconformity").

FULL LIFETIME WARRANTY. Milgard will provide Parts and labor at no charge to correct a Nonconformity for a Claim made by the Original Owner of a Residential Dwelling located within Milgard's Service Territory (at the time of Product purchase) for as long as the Original Owner owns and resides in the dwelling. "Residential Dwelling" includes any single-family detached home, townhome, or condominium unit used by the Owner as a personal residence. "Original Owner" is the first owner of a newly constructed Residential Dwelling with Product installed or the owner of a Residential Dwelling at the time replacement Product is installed. Milgard's "Service Territory" can be viewed at www.milgard.com/serviceteritory.

Milgard will provide Parts and labor to replace broken glass (including tempered) in Tuscany Series for as long as the Original Owner owns and occupies the Residential Dwelling. Glass breakage is included for Trinsic Series if the upgrade is purchased at the time of sale and reflected on the order documents. Exclusions include breakage attributable to storage, handling, installation, construction, acts of nature (e.g. fire, earthquake), civil disorder, building settling, or structural failures of walls or foundations; all specialty glass (e.g. V-Groove, laminated glass, blinds in glass); and glass in garden windows.

LIFETIME LIMITED WARRANTY. Milgard will provide Parts only at no charge to correct a Nonconformity for a Claim made by the Original Owner of a Residential Dwelling located outside the Service Territory for as long as the Original Owner owns and resides in the dwelling. Owner is responsible for inspection, labor, and shipping costs. Glass breakage applies as above but is limited to Parts only.

10-YEAR LIMITED WARRANTY. Milgard will provide Parts only at no charge to correct a Nonconformity for a Claim made within 10 years of the Manufacture Date by an Owner of a structure other than an owner-occupied Residential Dwelling. This includes, but is not limited to, Product in commercial applications, non-owner-occupied Residential Dwellings, subsequent owners of Residential Dwellings, and Residential Dwellings not owned by natural persons. Skilled Labor will be provided at no charge for a Claim made within 10 years of the Manufacture Date by an Owner of a structure located within the Service Territory. See second page for details on Skilled Labor.

Modified Coverages. Capstock frames: 10 years for non-uniform or non-gradual color change, or excessive cracking, pitting, warping, chipping, peeling, blistering, or corrosion. Painted & fiberglass frames: 10 years for excessive peeling, checking, cracking, chalking, fading, or color change. Blinds between the glass and integral shades: 10 years for obstruction of vision or significant impairment in usage. Stress cracks: One (1) year. Weatherstripping and insect screens: One (1) year for Nonconformity. Stainless steel hardware: One (1) year for corrosion. 10-Year Limited Warranty only: Laminated and impact IGU coverage is limited to five (5) years for Nonconformity; Simulated divided light coverage is limited to 10 years for Nonconformity.

Disclaimers & Limitation of Remedies. To the extent allowed, the remedies herein shall be the exclusive remedy and Owner waives any other claim regardless of legal theory. **MILGARD SHALL NOT BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, INDIRECT, OR SPECIAL DAMAGES; PERSONAL INJURY; LOST PROFITS; LOSS OF USE; DIMINUTION IN VALUE; OR PUNITIVE DAMAGES. ALL EXPRESS WARRANTIES BEYOND THIS DOCUMENT ARE DISCLAIMED. TO THE EXTENT ALLOWED, ALL IMPLIED WARRANTIES ARE ALSO DISCLAIMED, INCLUDING ANY WARRANTY WITH RESPECT TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING FROM THE COURSE OF PERFORMANCE, COURSE OF DEALING, OR USAGE OF TRADE.** Milgard's liability shall not exceed the cost of providing the remedy for the Product per the terms of this Warranty. Some state and federal laws may not allow disclaimers on implied warranties or exclusions of incidental and consequential damages, so these limitations or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

This Warranty may only be modified by a writing signed by an authorized representative of Milgard. Any act or omission of Milgard does not create a new warranty or extend the term of this Warranty. Milgard makes no representation regarding the useful life of Milgard Product. If any term of this Warranty is deemed invalid or unenforceable in a judicial proceeding, the other terms shall remain in full force and effect.

Skilled Labor for 10-Year Limited Warranty. Skilled Labor is labor provided where the work to repair the Product requires special knowledge or skills not possessed by Owner or tools not available to Owner. Minor repairs, such as replacing a sash or lock, do not require Skilled Labor. Where Skilled Labor is not required, Milgard will pay shipping costs. Milgard is not responsible for the cost of labor or materials required for repairing or restoring any material or surfaces beyond the Product, or for any labor when a complete replacement unit is provided. If Owner fails to appear for a scheduled appointment, Milgard may leave the Parts and/or charge a separate fee to return and complete the service. Owners outside the Service Territory are responsible for the cost of any inspections, labor, or shipping.

Excluded Conditions. This Warranty does not cover, and Milgard has no obligation to respond to, damage, conditions, or a Nonconformity caused in whole or part by:

- Installation; an application or configuration exceeding the capacity of the Product design or in violation of applicable codes, plans, or specifications; mishandling or storage of Product; failure to properly incorporate Product into the building envelope; installation in inappropriate openings; building settlement or failure of walls or foundations.
- Normal wear and tear, aging, weathering, or corrosion (except as provided for stainless steel hardware); lack of product maintenance,* misuse, or abuse; lack of use of operable Product (vents/sash should be opened and closed monthly); interior moisture or condensation. Normal weathering includes the gradual fading, chalking, or darkening of any colored surface. *Milgard's maintenance instructions are available at <https://www.milgard.com/learn/window-and-door-care/care-and-maintenance>.
- Glass breakage (except as provided); glass blemishes, scratches, or other imperfections allowable for Quality 3 glass per ASTM C 1036; or reflection of solar energy (sunlight) off of the Product.
- Alterations or modifications of the Product or components, such as field mulls, reinstallation, application of tints, films, sealant, caulk, or paint finishes; installation of security systems or window coverings; environmental or applied elements that exceed the tolerances of the Product or its components' performance ratings.
- Any application of force or materials, such as power washing or the use of harsh chemicals such as brick wash, acids, salts, abrasive cleaners, or solvents; acts of nature, or any other condition or cause beyond Milgard's control.

This Warranty covers only Product confirmed to have a Nonconformity. Where field testing occurs, Milgard must receive prior notice and opportunity to observe, and information on the anticipated test methods. Without its prior agreement, Milgard shall not be required to respond to testing results or extrapolations to non-tested Product, nor shall it contribute to the cost of testing. Milgard is not responsible for determining the suitability of its products for surrounding building components or wall design.

Milgard products are tested in accordance with procedures established by AAMA and NFRC. The tests measure the performance of sample products in a laboratory setting. Milgard manufactures its products using the methods and materials used in fabrication of the tested product, and the product will continue to benefit from the material and workmanship that supported certification at the time of manufacture. However, product components and manufacturing processes involve a range of tolerances which can cause variance among tested values, and in-field evaluation of a product can affect test results as well. For these reasons, Milgard does not warrant its test results.

The thermal performance of some window products is enhanced by insertion of gases into the inner space of the IGU. Given the nature of these gases and technology used to manage them, Milgard does not warrant specific gas retention or fill levels and performance variation may occur.

Warranty Claim Process. Milgard shall have no obligation under this Warranty without prior notice as provided herein. Submit claims to: www.milgard.com/form/service-request or 1-800-MILGARD (1-800-645-4273). Owner must submit a Claim during the coverage period and within 30 days of discovering the perceived Nonconformity. Notice must include contact information, order number, and description of the issue. Photographs are required unless unobtainable. Milgard shall investigate and respond in a timely manner per the terms of this Warranty, including inspecting the Product at its option.

Owner must provide reasonable access to the interior and exterior of the Product at his/her own expense, including removal of window décor and security alarms, moving furniture, and providing any scaffolding or lift equipment necessary to reach Product not accessible with a 15' extension ladder. Where safe and practical access is not available, Milgard shall be required to provide only the Parts, and not labor. Parts may not be an aesthetic match to the original. Milgard reserves the right to discontinue or modify its products. When that occurs, Milgard shall substitute parts or product of equal value or quality. If unable to provide a replacement Product and repair is not commercially practicable or cannot be timely made, Milgard may elect to refund the purchase price of the affected Product in full satisfaction of its obligations.

Requirement Before Initiating Legal Proceeding. Any liability of Milgard is contingent upon Owner (past or present) fulfilling its notice obligations as stated herein. Owner shall have no standing to assert any legal claim against Milgard unless it first gives notice of its intent to file a legal claim by filling out and submitting the Notice of Legal Claim form available at www.milgard.com/LegalClaim. Owner must wait 45 days after submitting the Notice of Legal Claim to initiate a legal proceeding in order to allow Milgard the opportunity to investigate and tender a resolution for issues claimed. For standard warranty service requests, follow the instructions under Warranty Claim Process.

Window Safety. Screens on Milgard products are intended to keep out insects and are not intended to provide security or for the retention of persons or objects. Fall prevention devices, such as window opening control devices, can be installed on windows in order to lessen the risk of accidental falls. If fall prevention devices are desired or required for a window, check with your distributor for options sold by Milgard.