Architectural Manual

STYLE LINE®
Series

Vinyl Windows & Patio Doors

Milgard®
Windows & Doors
Clearly, the best.
Instructions on how to use this manual:

This document has been designed for easy navigation and to quickly click to the section you need. Here’s some important tips on using this document:

- Any item printed in red, will click through to the corresponding item.

- Click to any item in the Table of Contents on page 3. Click on the Milgard logo at the top of any page to return to the Table of Contents - FULL MANUAL ONLY.

- From each section’s Quick Links page, click to any Drawing listed.

- From any Drawing page, click the “Go Back to Quick Links” box on the bottom right of the page to return to the list of drawings.

- Click on the links on the bottom of the page to go to Revit, SketchUp .PDF and .DWG files. Please note that you must have internet access for these links and you will be re-directed to the Milgard site.

- This document can also be navigated from Adobe Acrobat Bookmarks.

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals or clicking here:

Style Line Series Architectural Library
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About Style Line® Series

The Style Line series vinyl (PVC) window blends the energy efficiency and low maintenance of vinyl with the clean lines and low profile appearance of an aluminum window.

The result is a more contemporary look with maximum glazing area. Available in White, Tan or premium painted upgrade homogenous window frames, the Style Line’s durable vinyl exterior will never need painting. The windows will maintain their color and shape and can be constructed to your exact size specifications, subject to review.

COMPONENTS

Frame
Frame components are made from high performance polyvinyl chloride, available in White, Tan or premium painted upgrade window frames. The Style Line series is designed to offer a low profile appearance, ideal for contemporary homes or whenever maximum glazing area is desired. Mitered corners are precision welded resulting in an air and water tight seal.

Standard frame depth is 2-7/8", ideal for both new construction and or use as a replacement window.

Nail-On Fin
A 1-1/16" pre-punched nail flange extends around the perimeter frame, securing the window in rough openings and acting as a part of the flashing system. The nailing fin may be removed as needed for particular block frame applications. Fin setbacks are available in 1-3/8” from outside of frame; also in 1” for our SW locations using 3 coat stucco applications (not available at all locations).

Weep System
Hollow sill construction and offset weep holes that release any accumulated moisture from track and help prevent blow back, or water seeping to the interior caused by a combination of wind and rain.

Glazing Material
AAMA approved glazing tape adheres glass to the fixed panel frame which seals and cushions the glass. Rigid vinyl setting blocks are used to support the unit above the sill, preventing glass slippage. Extruded vinyl glazing (snap-in) bead is applied around the exterior edge.

Glass insulating dual glazed panes, 3/4” in overall thickness (1” overall on picture frame), are butyl sealed for energy efficiency. Specialty glass options are available upon request.

Vent Panel
The vent panel has an “L” shaped lip that fully interlocks with the vertical meeting rail, adding security and preventing air and water penetration. Its roller assembly rides on a monorail track for easy operation and durability. This raised track in the frame sill helps keep the vent panel free from interference by foreign particles that may collect in the sill.
Weatherstripping

Silicone-treated water-repellent polypropylene fin seal weatherstripping provides a durable, weather tight seal. This weatherstripping is installed in an integral, continuous keyway around three sides of the vent panel and interlock.

Roller Assembly

Self-lubricating, wear resistant, dual nylon rollers provide flexible, free-wheeling, smooth and silent operation. The adjustable rollers are engineered for reduction of friction and elimination of torque on the vent frame.

Locking Assembly

A positive action lock mechanism provides security and a tighter seal. The lock engages when the window is closed.

Screen

Screen frames are cambered aluminum, reinforced with rigid plastic corner clips. Screens come standard with matching frame color.

The fiberglass charcoal screen mesh is strong, durable and easy to replace. Two plastic pulls located on the screen allow you to install from inside or outside of house.

Energy Packages

Milgard adheres to ENERGY STAR® v6 requirements to meet or exceed U-Factor and Solar Heat Gain Coefficient (SHGC) criteria for all ENERGY STAR® zones.

Milgard also offers high energy performance options for the ultimate in energy efficiency. Energy efficient windows could include one or more of the following features based on your climate.

- SunCoat® or SunCoatMAX®
- EdgeGardMAX®
- Argon or Krypton
- 4th Surface
- Triple Glaze

For more details on Milgard Energy Efficient packages, visit [www.milgard.com/learn/energy-efficiency/energy-efficient-components](http://www.milgard.com/learn/energy-efficiency/energy-efficient-components)

To check the energy performance of all Milgard windows and doors, use our Energy Calculator at:

[milgard.com/energy-calculator](http://milgard.com/energy-calculator)

OPTIONS

Grids

Available in 5/8” flat. Color-matched to frame.

1-1/16” sculptured grid available in select markets – check with your Milgard representative.

Glass

Refer to glass section. Many more options are available. Please check with your Milgard Representative.

Caution: The use of petroleum based fuels or solvents as release agents in stucco wall installations or glass cleaning will chemically attack materials used in seals and other components, and voids the Milgard Warranty. The use of wax based release agents is recommended.

Expanding foam for insulation purposes should not be used.
Window Hardware

**Single Hung and Horizontal Slider**

Positive Action Lock – Closes and locks window securely in one action.

**Casement and Awning**

Standard Handle

Folding Handle (upgrade) – Innovative folding operating handles tuck out of the way.

Sash Lock

Complete the look with our color-coordinated interior and exterior door handles. Door may be locked or unlocked easily from inside by a flip-latch mechanism in the handle that engages a 2-point jamb lock. An anti-lift device is installed in the frame (handle) to prevent the sliding panel from being removed when the door is closed and locked.
Premium Exterior Vinyl Finishes

**Standard** - Matching interior

- White
- Tan
- Clay (not available in all locations)

**Premium** - White interior only

- Bronze
- Espresso
- Classic Brown
- Tweed
- Silver
- Fog
- Sand
- Ivory

Premium Exterior Vinyl Finishes are not available on Style Line Series sliding doors.
Full Lifetime Warranty

At Milgard, we build our windows and doors to last. With the dedication to quality that we put into building the best windows in the business, it wouldn’t make sense to back them with anything but the best warranty in the business. That’s why we back every properly installed window and door for as long as the homeowner owns their home—including parts and labor. We’re one of the only manufacturers to offer a full lifetime warranty (10-year commercial) on a premium vinyl finish in any market. It’s why you can be sure you won’t find any windows better than Milgard.

For complete warranty details, visit milgard.com.

Why Milgard?

Milgard is one of the largest and most trusted names in windows and doors. For over 50 years, we’ve demonstrated our commitment to innovation, quality and service.

While our coverage is extensive, our service is local. Milgard has multiple locations throughout the Western U.S. and Western Canada. Our belief is that by being close to our customers, we can provide them better service. This means faster lead and delivery time, as well as faster response to any warranty situations. We’re there for you long after the job has been completed. Milgard also has a comprehensive network of qualified dealers and offers some of the best training in the industry.

Awards give you added assurances and Milgard has been named “Best Quality in the Nation” eight times and the nation’s “Most Used Vinyl Window” four times by Builder magazine. Both Professional Remodeler and Professional Builder magazines have named us “Most Preferred Vinyl Window” three times.
Sliding Patio Door

The Style Line® Series vinyl (PVC) sliding glass door blends the energy efficiency and low maintenance of vinyl with clean lines and a narrow profile.

The result is a more contemporary look with maximum glazing area. Available in White, Tan or premium painted upgrade homogenous window frames, the durable vinyl exterior will never need painting. The windows will maintain their color and shape and can be constructed to your exact size specifications.

Please also see:

Components
Options
Hardware
Premium Exterior Vinyl Finishes
Full Lifetime Warranty
Sliding Patio Door

Configurations

Minimum/Maximum Sizes

Sliding Door
- Min 5’6”
- Max 6’8” or 8’6”

Available Frame Styles
- 1-3/8” Fin Setback
- 1” Fin Setback with J-channel
- 1” Fin Setback with Stucco Key
- 1-1/2” Contour Z-bar
- Block Frame (no fin)

NOTE: For engineering approval contact your Milgard representative for any configuration over 40 square feet. Each Milgard Manufacturing plant reserves the right to alter or change sizes and configurations according to location capabilities. Ask your Milgard rep about specialty applications. Windows over 40 square feet shipped open for field glazing. Varies by location.

Not all frame styles available at all Milgard locations. Contact your Milgard Representative for more information.
Drawings - Quick Links

**Sliding Patio Door**

- 81—XO 1-3/8” Fin Setback
- 82—XO Block Frame
- 83—XO with Transom, Block Frame
- 84—XO 1” Fin Setback
- 85—XO 1-5/8” Z-bar

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**Style Line Series Architectural Library**
## Sliding Patio Door

**XO 1-3/8” Fin Setback**

### CAD File Scale

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**Configuration XO shown**

Configuration OX also available

### SLIDING DOOR

**SERIES 6610**

**FRAME HEIGHT**

**DAYLIGHT OPENING**

**HEAD & SILL**

**JAMBS**

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Sliding Patio Door
XO Block Frame

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SLIDING DOOR
SERIES 6610

Configuration XO shown
Configuration OX also available

HEAD & SILL

JAMBS

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Style Line Series Architectural Library
Sliding Patio Door
XO with Transom, Block Frame

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Sliding Patio Door

XO 1” Fin Setback

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Architectural Manual

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Sliding Patio Door
XO 1-5/8” Z-bar

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