**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](http://milgard.com) or clicking here:

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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 window with maximum glass area. Available in white, tan, and clay (select regions), as well as premium painted exteriors. 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 or Tan, with Clay available in select regions 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

For more details on Milgard Energy Efficient packages, visit 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

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 with Sash Lock
Premium Exterior Vinyl Finishes

**Standard** - Matching interior

- White
- Tan
- Clay (available in select regions)

**Premium** - White interior only

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

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?

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. By producing our vinyl and fiberglass frame materials in-house, we can more closely monitor for quality control. Milgard windows and patio doors stand up, while standing out.

Experience

Since 1962, Milgard Windows & Doors has designed and assembled superior, top quality windows and patio doors, backed with a Full Lifetime Warranty. Milgard engineers are known for their industry-leading designs using patented technologies. Whatever your project calls for, Milgard has the right product that can beautifully reflect your vision. From new construction to home remodeling, all Milgard windows and doors are custom made to your exact specifications.

Service

We serve the Western U.S. and Canada with a dozen full-service facilities and customer care centers. Our belief is that by being close to our customers, we can provide them better service.
Casement Window

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

The result is a window with maximum glass area. Available in white, tan, and clay (select regions), as well as premium painted exteriors. 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
Casement Window

Configurations

Minimum/Maximum Sizes

- **Full Casement**
  - Min 1'2"
  - Max 3'6"

- **Single Casement**
  - Min 3'2"
  - Max 8'5"

- **Fixed Casement**
  - Min 1'2"
  - Max 3'6"

- **Double Casement**
  - Min 3'2"
  - Max 6'6"

- **Double Bottom Casement**
  - Min 3'3"
  - Max 6'7"

- **Double Casement Picture**
  - Min 4'3"
  - Max 10'0"

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
- 1-1/2" Flat 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.
Casement Window

25—Full Casement - 1-3/8” Fin Setback
26—Single Casement - 1-3/8” Fin Setback
27—Double Casement - 1-3/8” Fin Setback
28—Bottom Casement - 1-3/8” Fin Setback
29—Double Bottom Casement - 1-3/8” Fin Setback
30—Double Top Casement - 1-3/8” Fin Setback
31—Double Top Casement, 2 Lites Below - 1-3/8” Fin Setback
32—Full Casement - 1” Fin Setback, 3/4” Flat J-channel
33—Double Casement - 1” Fin Setback, 3/4” Flat J-channel
34—Full Casement - 1” Fin Setback, with Stucco Key
35—Single Casement - 1” Fin Setback, with Stucco Key
36—Full Casement - 1-3/8” Fin Setback, with Stucco Key
37—Double Casement - 1” Fin Setback, with Stucco Key
38—Full Casement - 1-1/2” Contour Z-bar
39—Double Casement - 1-1/2” Contour Z-bar
40—Single Casement - 1-1/2” Z-bar

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources
Casement Window
Full Casement - 1-3/8” Fin Setback

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CASEMENT
SERIES 6510

HEAD & SILL

JAMBS

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Casement Window

Single Casement - 1-3/8” Fin Setback

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Casement Window
Double Casement - 1-3/8” Fin Setback

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Casement Window

Bottom Casement - 1-3/8” Fin Setback

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Casement Window

Double Bottom Casement - 1-3/8” Fin Setback

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Casement Window

Double Top Casement - 1-3/8” Fin Setback

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Casement Window
Double Top Casement, 2 Lites Below - 1-3/8” Fin Setback

CAD File Scale
View
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Horizontal & Vertical
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Inch

CASEMENT
SERIES 6510

HEAD & SILL

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Casement Window
Full Casement - 1” Fin Setback, 3/4” Flat J-channel

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Casement Window

Double Casement - 1” Fin Setback, 3/4” Flat J-channel

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DOUBLE CASEMENT
SERIES 6530J

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Casement Window

Full Casement - 1” Fin Setback, with Stucco Key

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Casement Window
Single Casement - 1” Fin Setback, with Stucco Key

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Casement Window
Full Casement - 1-3/8” Fin Setback, with Stucco Key

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CASEMENT
SERIES 6511

HEAD & SILL

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Casement Window

Double Casement - 1” Fin Setback, with Stucco Key

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Casement Window

Full Casement - 1-1/2" Contour Z-bar

HEAD & SILL

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Casement Window

Double Casement - 1-1/2” Contour Z-bar

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DOUBLE CASEMENT

SERIES 6570

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Casement Window

Single Casement - 1-1/2” Z-bar

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