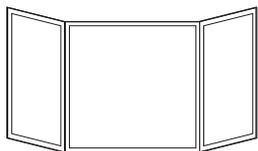
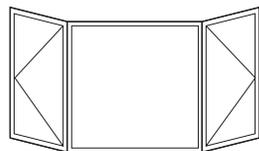


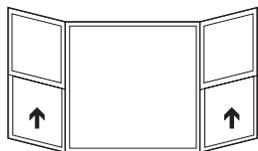
Cable Bay Windows Tuscany™ Vinyl Replacement Window



Bay picture



Bay casement



Bay single-hung

— BAY PICTURE

- Min 4'1" Max 8'5"

— BAY SINGLE-HUNG

- Min 4'1" Max 8'5"

— BAY CASEMENT

(refer to casement/awning section for maximum vent size)

- Min 4'1" Max 8'5"

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.

8000 series: with single-hung flankers

8000 series: with picture window flankers

8000 series: with casement flankers

Cable Bay Windows Tuscany™ Vinyl Replacement Window



The 8000 series vinyl (PVC) Cable Bay Window offers the outstanding insulating properties, low maintenance, and contemporary aesthetic appeal only vinyl can provide. Available in White and Tan homogenous window frames, the Cable Bay'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.

Like all Milgard windows, doors and skylights, the 8000 Series carries a Full Lifetime Warranty to the original single family homeowner covering both materials and labor.

Commercial and apartment projects are covered by a 10-year warranty from date of manufacture, covering all materials and labor, including the glazing unit.

CONFIGURATIONS

Milgard's 8000 series unique hanging Cable Bay Window includes 18" or 24" flankers or side windows joined at 45 degrees to a picture window in the center. Flankers are available in picture, single hung or casement windows.

Milgard Cable Bay Windows are available in custom sizes to match almost any design, either new or retrofit.

COMPONENTS

FRAME

Frame components are made from high performance polyvinyl chloride, available in White and Tan window frames. The 8000 series are designed to offer outstanding visual appeal and low maintenance. Mitered corners are precision welded resulting in an air and water tight seal. Standard frame depth is 3-1/4", ideal for both new construction and for use as a replacement window.

Cable Bay Windows Tuscany™ Vinyl Replacement Window

NAIL-ON FIN

A 1-1/4" pre-punched nail flange extends around the perimeter frame, securing the window in rough openings and acting as flashing. 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 baffles 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 and vent frame and 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 interior edge. "Interior glazing" makes replacement of glazing unit convenient, and provides equal exterior sight lines.

GLASS

Insulating dual glazed panes, 7/8" in overall thickness, are butyl sealed for energy efficiency. Specialty glass options are available upon request.

STAIRSTEP WEATHERSTRIPPING

– CASEMENT

Two flexible PVC leaf seal on the vent panel providing a weather-tight seal.

– SLIDERS

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

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.

ENERGY PACKAGES

Milgard offers two energy efficiency upgrade packages that offer increased U-Value performance. 3D™ and 3D MAX™ use the ENERGY STAR® criteria from each climate zone and utilize materials that are tailored to each individual climate to increase energy efficiency.

The combination of the frame material, product design and glazing unit make up the 3 components of the energy packages. The Tuscany Series receives up to 23% increase in energy efficiency with the 3D MAX package.

Note:

- Packages available in most markets. Please see your local sales representative for details.
- 3D and 3D MAX energy packages are based on insulated glass units with Single Strength (3/32") and Double Strength (1/8") glass. Some glass thicknesses and internal grid combinations may result in lower energy performance.
- 3D and 3D MAX energy packages are not included with the 8125 Double Slider, 5621WS Wide Stile Sliding Door, 8225 Double Hung when selecting grids and are currently not available in breather tube applications.

CABLE

High tensile strength steel aviation cable is used for maximum strength and longevity.

OPTIONS

GRIDS

Available in 5/8" flat or 1-1/16" sculptured aluminum profiles sealed between panes. Color-matched to frame.

SEAT BOARDS

Available in PVC or PVC/Oak.

GLASS

Refer to glass section.

Many more options are available. Please check with your Milgard Representative.

TEST STANDARDS

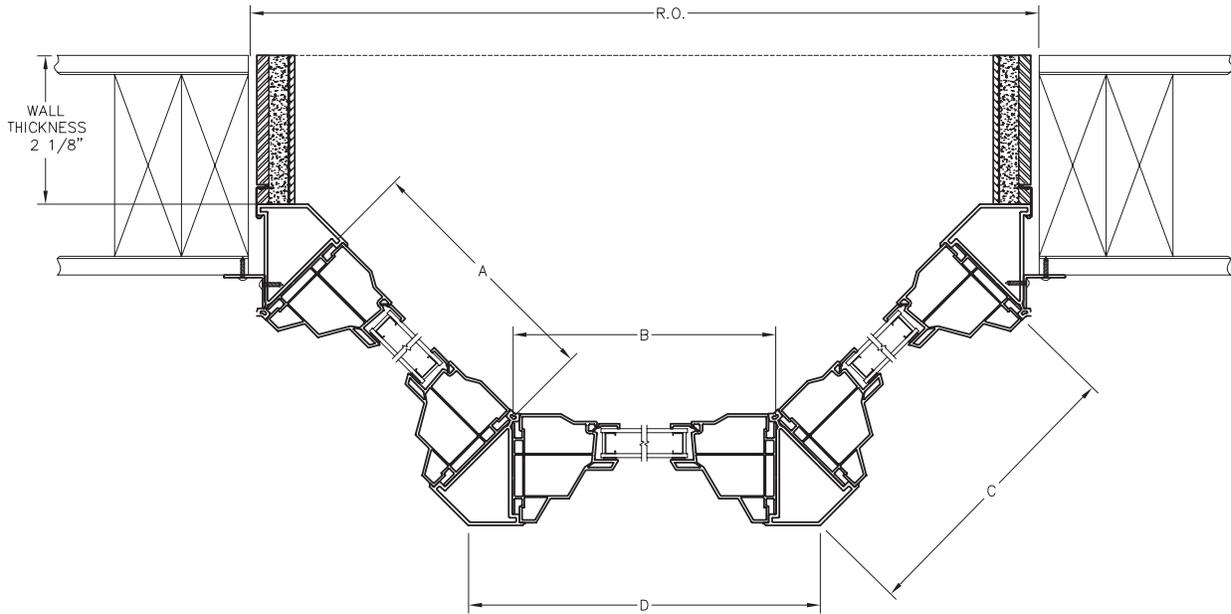
See Test Reports/Energy Ratings section.

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. Loose packed batt insulation is recommended.

Cable Bay Windows Tuscany™ Vinyl Replacement Window

BAY FRAMING DETAIL



18" FLANKERS
PROJECTION = 14 9/16"
AWW CENTER = R.O. - 29 13/16"

RO	A	B	C	D
48	17 1/2"	18 3/16"	18 7/8"	20 13/16"
60	17 1/2"	30 3/16"	18 7/8"	32 13/16"
72	17 1/2"	42 3/16"	18 7/8"	44 13/16"
84	17 1/2"	54 3/16"	18 7/8"	56 13/16"
96	17 1/2"	66 3/16"	18 7/8"	68 13/16"
108	17 1/2"	78 3/16"	18 7/8"	80 13/16"

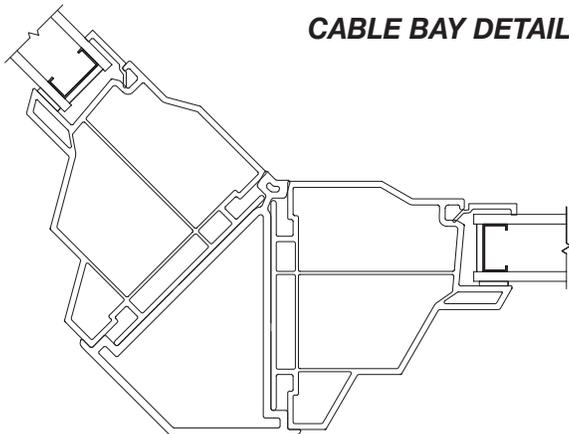
24" FLANKERS
PROJECTION = 18 13/16"
AWW CENTER = R.O. - 38 5/16"

RO	A	B	C	D
48	NA	NA	NA	NA
60	23 1/2"	21 11/16"	24 7/8"	24 5/8"
72	23 1/2"	33 11/16"	24 7/8"	36 5/8"
84	23 1/2"	45 11/16"	24 7/8"	48 5/8"
96	23 1/2"	57 11/16"	24 7/8"	60 5/8"
108	23 1/2"	69 11/16"	24 7/8"	72 5/8"

30" FLANKERS
PROJECTION = 23 1/16"
AWW CENTER = R.O. - 46 13/16"

RO	A	B	C	D
48	NA	NA	NA	NA
60	29 1/2"	13 3/16"	30 7/8"	15 13/16"
72	29 1/2"	25 3/16"	30 7/8"	27 13/16"
84	29 1/2"	37 3/16"	30 7/8"	39 13/16"
96	29 1/2"	49 3/16"	30 7/8"	51 13/16"
108	29 1/2"	61 3/16"	30 7/8"	63 13/16"

CABLE BAY DETAIL



Note: Mullion angle extrusion may or may not be thermally broken, depending on climate location.

Scale: 6" = 1' (1/2 scale)

Due to continual product research and development, details may be changed at any time. ©2008
Products shown are not available at all locations – confirm availability with your local Milgard representative.

Cable Bay Windows Tuscany™ Vinyl Replacement Window

Cable Bay Support System Installation Guide Straight Line Clamp # 10 - 7507

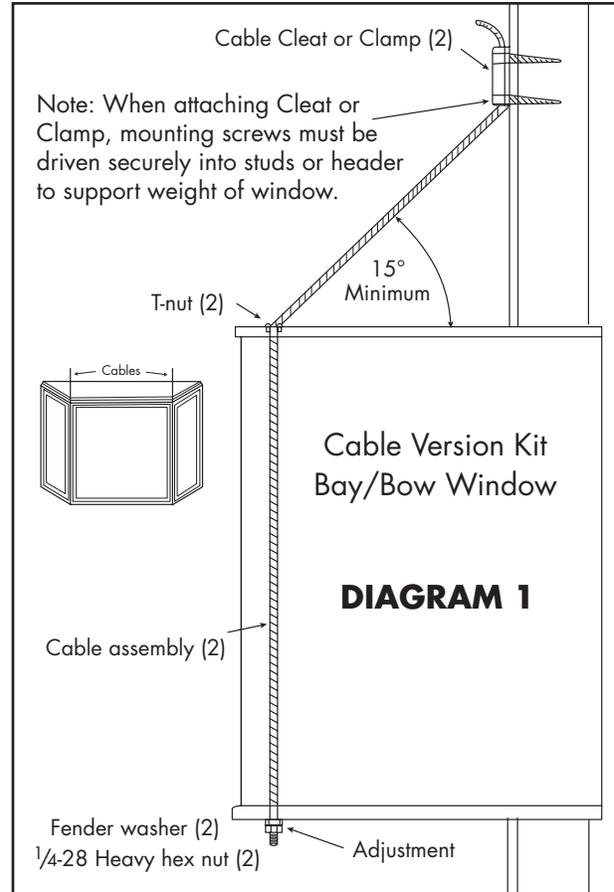
(WARNING) Wear safety goggles when performing any of the following steps.

CABLE VERSION KITS:

1. Thread cables through window before positioning into rough opening. Install fender washers and one nut into each cable stud. (Run nuts 1 inch into stud.)
2. Provide temporary support while window is being installed (jacks, bracing, etc.). Support window unit slightly above level.
3. A solid structural mounting surface is required for mounting the cable Cleats and Clamps to the outer wall. Remove any fiberboard or foam sheathing before attaching the Cleats or Clamps.
4. To support window weight, Cleat or Clamp mounting screws must be driven securely into studs, headers or rafters.
5. When attaching Cleats or Clamps to outer wall, the mounting location of the Cleats or Clamps must ensure a minimum of 15 degrees of cable angle. (See Diagram 1)
6. When mounting Cleats or Clamps to soffit, add cross studs to ensure proper alignment to up-running cables. (See Diagram 2)
7. Follow cable lacing or clamping instructions. (See Diagram 4 or 5)
8. After both cables are secure, adjust cable tension by turning the 1/4 - 28 nuts on cable studs.
Note: To keep cable studs from turning, a screwdriver slot is located on the end of stud.
9. After cables are snug and window is secured to the rough opening, slowly remove the temporary bracing. (Warning) Use extreme caution when removing bracing.
10. After making final adjustments, install the extra nuts on studs and jam lock to the adjusting nuts. This completes cable installation.

Tools Needed for Installation:

- (1) Protective eyewear (per person)
- (1) Cordless drill, 14-18 volt
- (1) #3 Phillips drive bit (provided)
- (1) 7/16 offset wrench (provided)
- (1) Standard screwdriver



Lo-Profile Cleat Lacing Instructions

1. Mount cleat to a selected location, using the wood screws provided.
2. Pull the cable up tight from the window.
3. Holding the cable secure, lace through the cleat, from the bottom up and around the cleat's fingers. (Diagram 4A)
4. After lacing, run cable around upper lug and through cross-hole at the top of cleat. (Diagram 4B)
5. Pull cable up tight through cross-hole to lock cable secure.

Note: When mounting to wall studs, adjust Cleat or Clamp so mounting screws are on center of stud.

DIAGRAM 4

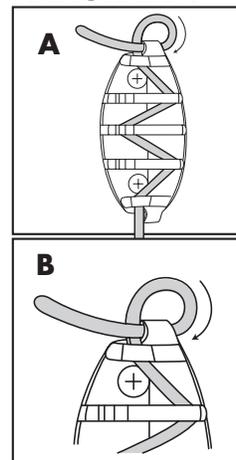
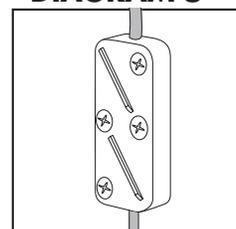
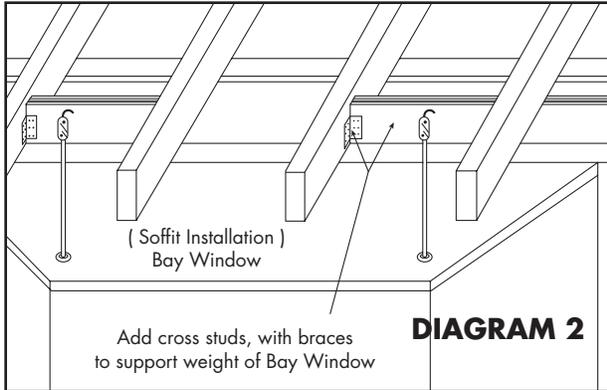


DIAGRAM 5



Cable Bay Windows Tuscany™ Vinyl Replacement Window



Straight Line Clamp Install Instructions

1. Select the mounting location.
2. Holding the clamp parallel to the up-running cable, run the #12 x 3" wood screws part way into the mounting surface. (Note: Make sure to use #3 Phillips drive bit.)
3. Run the cable from the bottom, up and through the Straight Line Cable Clamp.
4. Holding the cable up tight, above the clamp, run the two center clamp screws all the way in to lock the cable in place. (Diagram 5)
5. Set your cordless drill to "max" to complete the installation. Drive in the two #12 x 3" wood screws all the way, then go back and re-torque the two center clamp screws. Note: Make sure all 4 screws are run in to max torque.

