

WD:T01, WD:T03, WD:T04, WD:T05

General Notes to Specifier:

This Specification Section has been prepared to assist design professionals in the preparation of Project or Office Master Specifications. It follows guidelines established by the Construction Specifications Institute, and therefore may be used with most Master Specification systems with minor editing.

Edit carefully to suit Project requirements. Modify as necessary and delete items that are not applicable. Verify that referenced section numbers and titles are correct. Numbers and titles referenced are based on *MasterFormat, 2004 edition*.

This Section assumes the Project Manual will contain complete Division 1 documents, including Sections 01 25 13 Product Substitution Procedures, 01 33 00 – Submittal Procedures, 01 62 00 – Product Options, 01 66 00 – Product Storage and Handling Requirements, 01 7400 – Cleaning and Waste Management, 01 77 00 - Closeout Procedures, and 01 78 00 – Closeout Submittals. Close coordination with Division 1 Sections is required. If the Project Manual does not contain these Sections, additional information should be included under the appropriate articles.

This is an open proprietary specification allowing users the option of approving other manufacturers that comply with the criteria specified herein.

Notes to the specifier are contained in boxes and should be deleted from final copy.

Optional items requiring selection by the specifier are enclosed within brackets, e.g. [35] [40] [45]. Make appropriate selections and delete unused options.

Items requiring additional information are underlined blank spaces, e.g. _____.

Optional paragraphs requiring selection of one of the options are separated by “OR” within a box, e.g.

OR

Bold face type identifies optional paragraphs and features that may be included or deleted depending on Project requirements. Convert the bold face type to regular type when including these paragraphs or features.

Revise footer to suit Project/Office requirements.

Electronic versions of this specification utilize automatic paragraph numbering. When editing is complete, delete all text on this page, then remove the section break at the top of the next page to remove this page from the document.

SECTION 08 53 13
MASTER FORMAT™ 2004 EDITION
VINYL WINDOWS

PART 1 – GENERAL

Specifier note: information & data contained in this Guide is accurate as of July 2015. Due to ongoing product updates, data may change over time. Please contact your local Milgard Representative for complete product details. Please visit milgard.com for the latest updates.

1.1 SUMMARY

A. Section Includes:

1. Horizontal Sliding windows
2. Double Sliding windows
3. Single Hung windows
4. Double Hung windows
5. Casement windows
6. Awning windows
7. Picture and Radius windows
8. Fixed Casement windows
9. Fixed Awning windows
10. Cable Bay windows
11. Bay windows
12. Bow windows
13. Jalousie windows
14. Glazing
15. Accessories

B. Related Sections:

Specifier Note: Insert appropriate Section Numbers and Titles below for window flashing and installation sealant.

1. 08 32 16 - Vinyl Sliding Doors.
2. ____ - _____.
3. ____ - _____.
4. ____ - _____.
5. ____ - _____.

Specifier Note: Include appropriate language below if products specified in this Section are to be bid as alternates, otherwise delete following paragraph.

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C. Alternates

1. Reference Section 01 23 00 - Alternates

1.2 SUBMITTALS

A. Reference Section 01 33 00 - Submittal Procedure; submit following items:

1. Product Data: Submit Milgard product data.
2. Shop Drawings: Include window schedule, elevations, sections, details, & multiple-window assembly details. Include head, sill & jamb conditions; operable parts & direction/handing; and special mullion reinforcement details.
3. Samples: Submit selection samples for verification, include the following:
 - 3.1. Exterior Color: Minimum 1x4 color chips on fiberglass substrate: (Specify)
 - 3.2. Glass, showing specified tint color. (Specify)

B. Quality Assurance/Control Submittals:

1. Qualifications: Proof of Manufacturer's qualifications.
2. U-Factor and Structural Rating charts required for NFRC and AAMA labeling requirements.
3. Installation Instructions: AAMA 2400, ("Mounting Flange Installation") or AAMA 2410 ("Flush Fin Installation").

C. Closeout Submittals: Reference Section 01 78 00 – Submit following items:

1. Temporary window labels to identify windows that labels were applied to.
2. Owner's Manual/Maintenance Instructions.
3. Special Warranties.

1.3 QUALITY ASSURANCE

A. Overall Standards: Comply with ANSI/AAMA/101/I.S.2, except where noted herein.

B. Manufacturer Qualifications:

1. Minimum 10 years experience in producing vinyl windows.
2. Member AAMA & NFRC.

C. Regulatory Requirements and Approvals:

Specifier Note: Insert local regulatory requirements
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D. Certifications for Insulated Glass Units:

1. Insulated glass units are certified to ASTM E2188/E2190 per the Associated Laboratories Incorporated (ALI) guidelines.

E. AAMA: Windows shall be Gold Label certified with label attached to frame per AAMA requirements.

F. NFRC: Windows shall be NFRC certified with temporary U-factor label applied to glass and an NFRC tab added to permanent AAMA frame label.

1.4 DELIVERY, STORAGE and HANDLING

A. General: Reference Section 01 66 00 – Product Storage and Handling Requirements.

B. Comply with Manufacturer's/Dealer's ordering instructions and lead time requirements to avoid construction delays.

C. Delivery: Deliver materials in Manufacturer's standard packaging for protection of product.

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- D. Storage & Protection: Store products away from exposure to environmental conditions that may be harmful to materials.
- E. Store materials off ground in an upright position. Provide cover from weather and construction activity.
- F. Follow Manufacturer's instructions on label applied to units.

1.5 WARRANTY

Specifier Note: Select pertinent "Residential" warranty below for owner occupied single family residential and multi-family residential projects; select "Commercial" warranty for non-owner occupied condominiums, multi-family and commercial projects.

- A. Residential Special Warranty: (Owner Occupied Single Family Residential)
 - 1. Full Lifetime Warranty (including Glass Breakage) to original homeowner.
 - 2. Transferability:
 - a. Permit unlimited transfer of ownership in first 10 years.
 - b. Upon first transfer of ownership, warranty period shall become ten years from date of original purchase.
 - c. Guarantee windows against defects in materials and workmanship including costs for replacement parts and labor.
 - 3. Submit, for Owner's acceptance, Manufacturer's Full Lifetime Warranty document.

OR

- B. Residential Special Warranty: (Owner Occupied Multi-Family Residential)
 - 1. 10 Year Multi-Family Limited Warranty.

OR

- C. Commercial Warranty:
 - 1. 10 Year Warranty.
 - 2. Guarantee windows against defects in materials and workmanship including costs for replacement parts and labor.

Part 2 - PRODUCTS

2.1 MANUFACTURER

- A. Products supplied by the following manufacturer:

Milgard Manufacturing, Inc.

1010 54th Avenue East

Tacoma, WA 98424

(800)-Milgard (645-4273)

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milgard.com

Manufacturer's Representative:

Specifier Note: Insert name, address and phone numbers of Manufacturer's Representative below

Name: _____

Telephone: _____

Fax: _____

E-mail: _____

B. Window Series: Milgard Tuscany® Series

C. Substitutions: Reference Section 01 25 13 - Product Substitution Procedures

2.2 MANUFACTURED UNITS

A. Proprietary Products: Tubular Extruded Poly Vinyl Chloride (PVC) Windows

1. Tuscany® Series Windows
2. Glazing
3. Accessories
4. Substitutions: No substitutions permitted.

2.3 MATERIALS

A. Integral color PVC compound containing impact-resistant solid plasticizer, titanium dioxide UV inhibitor, and surface and color stabilizers.

B. Weatherstripping:

1. Vinyl compression bulb seal

Specifier Note: Verify that window flashing material and installation sealant is specified in appropriate sections.

2.4 SYSTEM DESCRIPTION

A. General Performance Requirements: Products and systems provided must be manufactured, fabricated, and installed to the following performance criteria:

1. Comply with ANSI/AAMA/NWDA 101/I.S.2, except as noted herein
2. Performance Class: (Specify)
3. Performance Grade: (Specify)
4. U-Factor (NFRC 100): (Specify)
5. SHGC – Solar Heat Gain Coefficient (NFRC 200): (Specify)
6. OITC – Outdoor-Indoor Transmission Class (ASTM E90): (Specify)
7. STC – Sound Transmission Class (ASTM E90): (Specify)

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- B. Structural Requirements: Products and systems provided must be capable of withstanding wind loads based on testing units representative of those indicated for Project that pass AAMA/NWWDA 101/I.S.2/NAFS, Uniform Structural Load Test:
1. Design Wind Loads: Determine design wind loads, according to ASCE, Section 6, applicable to Product from basic wind speeds (MPH) at 33 feet above grade, based upon mean roof heights indicated on Elevations/Drawings
 - a. Basic Wind Speed: (Specify)
 - b. Importance Factor: (Specify)
 - c. Exposure Category: (Specify)
 - d. Wind Load Requirement: (Specify)

2.5 WINDOW TYPES

Specifier Note: Select from the following window types based on project requirements. Please note related Nail Fin and Insert window styles. Delete window types not used.

- A. Horizontal Slider – [8120T Series, 1-3/8" nail fin setback] [8120T Series, block frame] [8130T Series, 1" nail fin setback, stucco key] [8170T Series, 1-5/8" narrow Z-bar] [8140T Series, 2-1/8" wide Z-bar] [8140T Series, 1-3/8" nail fin setback, 2" nail fin] [8140T Series, 1-3/8" nail fin setback, 2" nail fin, 3/4" flat j-channel] [8140T Series, 1-3/8" nail fin setback, 2" nail fin, 1" contoured j-channel] [8140T Series, 1-3/8" nail fin setback, 2" nail fin, 2" brickmold j-channel]:
1. Frame: 3-1/4" minimum depth. Multi-chambered vinyl profile.
 2. Sash: 1-1/4" minimum depth. Multi-chambered vinyl profile, includes vent stops located in fixed sash.
 3. Sightlines: Equal for operating and fixed sash.
 4. Structural Class:
 - a. 71-1/2" X 59-1/2" and smaller: HS-C40.
 5. Hardware:
 - a. SmartTouch® direct action locking mechanism.
 - b. Nylon rollers with stainless steel axles, extruded vinyl snap-on monorail roller track.
 - c. Dual pull rails.
 6. Weatherstripping: Fin seal polypropylene pile.
- B. Double Slider – [8125T Series, 1-3/8" nail fin setback] [8125T Series, block frame] [8125T Series, 1-5/8" narrow Z-bar] [8125T Series, 2-1/8" wide Z-bar] [8125T Series, 1-3/8" nail fin setback, 2" nail fin, 3/4" flat j-channel] [8125T Series, 1-3/8" nail fin setback, 2" nail fin, 1" contoured j-channel] [8125T Series, 1-3/8" nail fin setback, 2" nail fin, 2" brickmold j-channel]:
1. Frame: 3-1/4" minimum depth. Multi-chambered vinyl profile.
 2. Sash: 1-1/4" minimum depth. Multi-chambered vinyl profile, includes vent stops located in fixed sash.
 3. Sightlines: Equal for passive and active sashes.
 4. Structural Class:
 - a. 71-1/2" x 59-1/2" and smaller: HS-LC25

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5. Hardware:
 - a. SmartTouch® direct action locking mechanism.
 - b. Nylon rollers with stainless steel axles, extruded vinyl snap-on monorail roller track.
 - c. Single pull rail on active sash.
 - d. Passive sash friction catch.
 6. Weatherstripping: Fin seal polypropylene pile.
- C. Single Hung – [8220T Series, 1-3/8" nail fin setback] [8220T Series, block frame] [8230T Series, 1" nail fin setback, stucco key] [8270T Series, 1-5/8" narrow Z-bar] [8240T Series, 2-1/8" wide Z-bar] [8240T Series, 1-3/8" nail fin setback, 2" nail fin] [8240T Series, 1-3/8" nail fin setback, 2" nail fin, 3/4" flat j-channel] [8240T Series, 1-3/8" nail fin setback, 2" nail fin, 1" contoured j-channel] [8240T Series, 1-3/8" nail fin setback, 2" nail fin, 2" brickmold j-channel]:
1. Frame: 3-1/4" minimum frame depth. Multi-chambered vinyl profile.
 2. Sash: 1-1/4" minimum sash depth. Multi-chambered vinyl profile, includes vent stops in fixed sash.
 3. Sightlines: Equal for operating and fixed sash.
 4. Structural Class:
 - a. 44" x 75": LC-40.
 - b. 48" x 96": LC-35.
 5. Hardware:
 - a. SmartTouch® direct action locking mechanism.
 - b. Concealed block and tackle balancer.
 - c. Dual lift rails.
 6. Weatherstripping: Fin seal polypropylene pile.
- D. Double Hung – [8225T Series, 1-3/8" nail fin setback] [8225T Series, block frame] [8225T Series, 1-5/8" narrow Z-bar] [8225T Series, 2-1/8" wide Z-bar] [8225T Series, 1-3/8" nail fin setback, 2" nail fin, 3/4" flat j-channel] [8225T Series, 1-3/8" nail fin setback, 2" nail fin, 1" contoured j-channel] [8225T Series, 1-3/8" nail fin setback, 2" nail fin, 2" brickmold j-channel]:
1. Frame: 3-1/4" minimum depth. Multi-chambered vinyl profile.
 2. Sash: 1-3-16" minimum depth. Multi-chambered vinyl profile. Tilt-in upper and lower sash. Includes vent stops located in upper sash.
 3. Sightlines: Equal for upper and lower sashes.
 4. Structural Class:
 - a. 44" x 75": H-LC35.
 - b. 40" x 63": H-R40.
 5. Hardware:
 - a. SmartTouch® direct action locking mechanism.
 - b. Concealed constant force balancer.
 - c. Dual lift rails.
 - d. Upper sash friction catch system.
 - e. Jamb jacks provided for jamb adjustment in no-fin installation.
 - f. Head expander provided as option for no-fin installation.

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- g. Sloped sill adapter provided as option for no-fin, sloped sill installation.
- 6. Weatherstripping: Fin seal polypropylene pile.
- E. Casement – [8520T Series 1-3/8" nail fin setback] [8520T Series, block frame] [8530T Series, 1" nail fin setback, stucco key] [8570T Series, 1-5/8" narrow Z-bar] [8540T Series, 2-1/8" wide Z-bar] [8540T Series, 1-3/8" nail fin setback, 2" nail fin] [8540T Series, 1-3/8" nail fin setback, 2" nail fin, 3/4" flat j-channel] [8540T Series, 1-3/8" nail fin setback, 2" nail fin, 1" contoured j-channel] [8540T Series, 1-3/8" nail fin setback, 2" nail fin, 2" brickmold j-channel]:
 - 1. Frame: 3-1/4" minimum depth. Multi-chambered vinyl profile.
 - 2. Sash: 2-5/8" minimum depth. Multi-chambered vinyl profile.
 - 3. Structural Class:
 - a. 32" x 71-1/2": C-C55
 - b. 35-1/2" x 60": C-C60
 - 4. Hardware:
 - a. Dual stainless steel arm rotary operator with standard fold-down nesting handle.
 - b. Single lever, multi-point locking mechanism.
 - c. Two bar adjustable stainless steel hinge.
 - 5. Weatherstripping: Foam filled bulb (interior), flexible leaf (middle).
- F. Awning – [8420T Series, 1-3/8" nail fin setback] [8420T Series, block frame] [8430T Series, 1" nail fin setback, stucco key] [8470T Series, 1-5/8" narrow Z-bar] [8440T Series, 2-1/8" wide Z-bar] [8440T Series, 1-3/8" nail fin setback, 2" nail fin] [8440T Series, 1-3/8" nail fin setback, 2" nail fin, 3/4" flat j-channel] [8440T Series, 1-3/8" nail fin setback, 2" nail fin, 1" contoured j-channel] [8440T Series, 1-3/8" nail fin setback, 2" nail fin, 2" brickmold j-channel]:
 - 1. Frame: 3-1/4" minimum depth. Multi-chambered vinyl profile.
 - 2. Sash: 2-5/8" minimum depth. Multi-chambered vinyl profile.
 - 3. Structural Class:
 - a. 59-1/2" x 35-1/2" and smaller: AP-C40
 - 4. Hardware:
 - a. Stainless steel rotary scissor operator with standard fold-down nesting handle.
 - b. Dual lever locking mechanism.
 - c. Two bar stainless steel hinge.
 - 5. Weatherstripping: Foam filled bulb (interior and exterior); flexible leaf (middle).
- G. Picture Window/Radius - [8320T Series, 1-3/8" nail fin setback] [8360T Series, block frame] [8330T Series, 1" nail fin setback, stucco key] [8370T Series, 1-5/8" narrow Z-bar] [8375T Series, 2-1/8" wide Z-bar] [8340T Series, 1-3/8" nail fin setback, 2" nail fin] [8340T Series, 1-3/8" nail fin setback, 2" nail fin, 3/4" flat j-channel] [8340T Series, 1-3/8" nail fin setback, 2" nail fin, 1" contoured j-channel] [8340T Series, 1-3/8" nail fin setback, 2" nail fin, 2" brickmold j-channel]:
 - 1. Frame: 3-1/4" minimum depth. Multi-chambered vinyl profile.
 - 2. Sightlines: Equal to Horizontal Slider and Single Hung.
 - 3. Structural Class:

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- a. 8320T, 8330T and 8340T Series, 95-1/2" x 71-1/2" and smaller: F-HC40.
 - b. 8370T and 8375T Series, 95-1/2" x 71-1/2" and smaller: F-HC45.
- H. Fixed Casement - [8521T Series, 1-3/8" nail fin setback] [8521T Series, block frame] [8531T Series, 1" nail fin setback, stucco key] [8571T Series, 1-5/8" narrow Z-bar] [8541T Series, 2-1/8" wide Z-bar] [8541T Series, 1-3/8" nail fin setback, 2" nail fin] [8541T Series, 1-3/8" nail fin setback, 2" nail fin, 3/4" flat j-channel] [8541T Series, 1-3/8" nail fin setback, 2" nail fin, 1" contoured j-channel] [8541T Series, 1-3/8" nail fin setback, 2" nail fin, 2" brickmold j-channel]:
- 1. Frame: 3-1/4" minimum depth. Multi-chambered vinyl profile.
 - 2. Sightlines: Equal to Casement.
 - 3. Structural Class:
 - a. Up to 8060: PG35.
- I. Fixed Awning - [8421T Series, 1-3/8" nail fin setback] [8421T Series, block frame] [8431T Series, 1" nail fin setback, stucco key] [8471T Series, 1-5/8" narrow Z-bar] [8441T Series, 2-1/8" wide Z-bar] [8441T Series, 1-3/8" nail fin setback, 2" nail fin] [8441T Series, 1-3/8" nail fin setback, 2" nail fin, 3/4" flat j-channel] [8441T Series, 1-3/8" nail fin setback, 2" nail fin, 1" contoured j-channel] [8441T Series, 1-3/8" nail fin setback, 2" nail fin, 2" brickmold j-channel]:
- 1. Frame: 3-1/4" minimum depth. Multi-chambered vinyl profile.
 - 2. Sightlines: Equal to Awning.
 - 3. Structural Class:
 - a. 59-1/2" x 95-1/2" and smaller: AP-C40.
- J. Cable Bay – [1" nail fin setback]
- 1. Frame: 3-1/4" minimum depth. Multi-chambered profile.
 - 2. Unit configuration and window types as shown on drawings, mulled together to form a single window unit.
 - 3. Assembly posts at 45 degrees.
 - 4. Each installation cable rated at 1700 lb. weight capacity.
 - 5. 1-1/8" thick head and seat boards.
- K. Bay Windows – [1-3/8" nail fin setback] [1" nail fin setback]
- 1. Frame: 3-1/4" minimum depth. Multi-chambered profile.
 - 2. Unit configuration and window types as shown on drawings, mulled together to form a single window unit.
 - 3. Assembly posts at 45 degrees.
- L. Bow Windows – [1-3/8" nail fin setback] [1" nail fin setback]
- 1. Frame: 3-1/4" minimum depth. Multi-chambered profile.
 - 2. Unit configuration and window types as shown on drawings, mulled together to form a single window unit.
 - 3. Assembly posts at 13 degrees.

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M. Jalousie – [8820T Series, 1-3/8" nail fin setback] [8870T Series, 1-5/8" narrow Z-bar]

1. Frame: 3-1/4" minimum depth. Multi-chambered vinyl profile.
2. Hardware:
 - a. Lever activated multi-blade tilt hardware.
 - b. 4" blades standard.
 - c. Louvre blade: [1/4" Glass] [Wood] [Cellular PVC]
3. Structural Class:
 - a. 36" x 75-1/2" and smaller: J-R20.
4. Weatherstripping: Flexible leaf at head and sill.

2.6 GLAZING

A. Insulated Glass Units: ASTM E 774, Class A

1. Glazing Type: Dual or Triple Glaze (Specify)
 - a. SunCoat® Low-E/Clear
 - b. SunCoatMAX® Low-E/Clear
 - c. SunCoat® Low-E/Clear/ SunCoat® Low-E
 - d. SunCoatMAX® Low-E/Clear/ SunCoatMAX® Low-E
 - e. [Tinted] [Obscure-several types] [Specialty] – Per Approval

Specifier Note: Most common types of insulated units are included above, but several other types, including tinted, reflective, tempered, obscure, wire, and laminated, are available for special applications. Select desired types from Milgard website and specify in lieu of, or in addition to, the above with all necessary criteria such as tint colors and obscure patterns. If more than one type of glazing is required for the Project, be certain that type for each window is clearly noted on drawings or in window schedule.

2. Overall IG Unit Thickness:
 - a. 7/8", except Double Slider and Double Hung which are 3/4" overall.

Specifier Note: Warm edge spacers are not available on some units, including certain oversize units, radius units, and gable units.

3. Spacer Type: (Specify)
 - a. Tin-plated steel spacer
 - b. Stainless steel spacer
 - c. Foam spacer
4. Gas Filled: (Specify)
 - a. Argon
 - b. None
5. Glass Thickness: (Specify)
 - a. Per Manufacturer's Specifications
 - b. Special: Per Manufacturer's Approval
 1. 3/32", 1/8", 3/16", 1/4", 7/32" Laminate, Other

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2.7 GRIDS/GRILLES/MUNTINS:

Specifier Note: Select desired muntin type, if any, from the following list and delete those not used. Standard horizontal/vertical grid pattern will be provided unless other grid patterns are shown on the drawings. Certain grid patterns may not be available with one or the other bar types in the following paragraphs - consult Milgard for design other than standard patterns.

A. Internal Grid (Grids Between Glass / GBG):

1. Width: (Specify)
 - a. 5/8" wide rectangular/flat aluminum bar internal muntin
 - b. 1-1/16" wide sculptured aluminum bar internal muntin

B. Simulated Divided Lite (SDL):

Specifier Note: Exterior applied grids match exterior color of window and interior applied grids match specified wood for interior of window

1. Width: 7/8"

2.8 INSECT SCREENS: Provide tight fitting screen (with hardware) for operating windows

A. Screen Frame:

1. Rolled Formed Aluminum Frame – Standard

B. Screen Mesh:

1. PureView® High Visibility Fiberglass Mesh - Standard.

2.9 FABRICATION

- A. Fabricate frames and sash with mitered and fusion welded corners and joints.
- B. Trim and finish corners and welds to match adjacent surfaces.
- C. Provide concealed metal reinforcements in sash frame for attachment of lock mechanism.
- D. Factory interior glaze (except Double Hung and Double Slider) with snap-on mitered PVC glazing stops matching bevels on the sash and frame. Insulated glass units shall be reglazable without dismantling sash framing.
 1. Note: Field glazing is required for large window units (over 40 sq. ft).

2.10 FINISH

A. Frame and Sash Color: (Specify)

1. Exterior: [White] [Clay] [Tan] [Ivory] [Sand] [Tweed] [Silver] [Fog] [Classic Brown] [Espresso] [Bronze].
2. Interior matched to exterior on White, Clay and Tan only. All other exterior finish colors have white interior.

B. Simulated Divided Lite (SDL) Muntins:

1. Interior Vinyl Grids: Match interior of window
2. Internal Shadow Bars: Bronze aluminum

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3. Exterior Vinyl Grid: Match exterior color of window
- C. Grids Between Glass (GBG) Muntins:
 1. Single Color – [White] [Clay] [Tan]
 2. Two-tone Color (exterior/interior) – [Tan/White] [Silver/White] [Classic Brown/White] [Espresso/White] [Bronze/White]
- D. Hardware: [Painted or Metal finishes as supplied by Milgard]
 1. [White] [Clay] [Tan] (matched to interior frame finish)
- E. Screen Frame Color:
 1. Matched to exterior frame color

2.11 SOURCE QUALITY CONTROL:

- A. Inspect windows in accordance with Manufacturer's Quality Control Program as required by AAMA Gold Label Certification.

PART 3- EXECUTION

3.1 EXAMINATION

- A. Examine openings in which windows will be installed.
 1. Verify that framing complies with AAMA 2400 (Mounting Flange Installation) & AAMA 2410 (Flush Fin Installation).
 2. Verify that fasteners in framed walls are fully driven and will not interfere with window installation.
- B. Coordinate with responsible entity to correct unsatisfactory conditions.
- C. Commencement of work by installer is acceptance of substrate conditions.

3.2 INSTALLATION

Specifier Note: Installation Instructions (AAMA 2400/2410) are adequate for normal installation conditions in framed construction. Masonry walls and unusual conditions may require additional information in this article.

- A. Install windows in framed walls in accordance with AAMA 2400 ("Mounting Flange Installation") and/or AAMA 2410 ("Flush Fin Installation").
- B. Do not remove temporary labels.
- C. Install insect screens on operable windows.
 1. Hold Screens: [Please coordinate with local supplier.]

3.3 CLEANING AND FINISHING

- A. Reference Section 01 74 00 – Cleaning and Waste Management.
- B. Remove temporary labels and retain for Closeout Submittals.
- C. Clean soiled painted surfaces and glass using a mild detergent and warm water solution with soft, clean cloths.

END OF SECTION

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