

SECTION 085113 - ALUMINUM WINDOWS

PART 1 - GENERAL

1.1 RELATED SECTIONS

- A. 084113: Aluminum Framed Storefronts

1.2 SECTION REQUIREMENTS

- A. Submittals: Product Data, Shop Drawings,.
- B. Quality Standard: Comply with AAMA/NWWDA 101/I.S.2/NAFS.
 - 1. Provide AAMA- or WDMA-certified aluminum windows with an attached label.

PART 2 - PRODUCTS

2.1 ALUMINUM WINDOWS

- A. Products:
 - 1. Vistawall, Terrell, TX, “ZS-2750” Series.
 - 2. Kawneer, Norcross, GA, “6200T Isolock”.
- B. Window Types: The following types, as indicated on Drawings:
 - 1. Awning.
- C. Performance Class: LC.
- D. Performance Grade: 25.
- E. Condensation-Resistance Factor: 52 per AAMA 1503.
- F. Thermal Transmittance: Whole-window U-factor not more than 0.59 Btu/sq. ft. x h x deg F at 15-mph wind velocity and winter temperatures per AAMA 1503.
- G. Cam Locks, Handles or Operators: White bronze with white bronze strike for awning windows.
- H. Ventilator Hinges: Four bar with friction device. 300 Series stainless steel with nylon friction block encased in sliding brass shoe.
- I. Ventilator Limited Opening Device Attachment: Fasteners used t attaché limit devices shall be tamper resistant or concealed to prevent removal.

1. Mount each device to permit ventilator to open approximately 6” before stopping.
 2. Operation beyond limiting point shall be by custodial access only.
- J. Equip units with vinyl-coated, glass-fiber mesh insect screens at operable sashes.
- K. Weather-stripping: Dual durometer Santoprenet around perimeter of the exterior of all vents, and a foam-filled bulb vinyl perimeter of the interior face of all vents.
- L. Glaze units with tinted, low-e coated, sealed insulating glass, complying with Division 08 Section "Glazing."
- M. Finish: Class I, color anodic finish; AA-M12C22A44; complying with AAMA 611: Dark bronze.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Set units level, plumb, and true to line, without warp or rack of frames and panels. Provide proper support and anchor securely in place.
- B. Set sill members in bed of sealant or with gaskets, as indicated, to provide weathertight construction.
- C. Adjust operating panels, screens, and hardware to provide a tight fit at contact points and weather stripping for smooth operation and weathertight closure. Lubricate hardware and moving parts.
- D. Clean aluminum surfaces and glass immediately after installing windows. Remove nonpermanent labels from glass surfaces.

END OF SECTION 085113