

## SECTION 08561 – VINYL WINDOWS

### PART 1 GENERAL

#### 1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

#### 1.02 SUMMARY

- A. This Section includes the following:
  - 1. Factory fabricated tubular extruded plastic windows with double hung operating sash.
- B. Related Sections include the following:
  - 1. Section 07900- Joint Sealers; Perimeter sealant and back-up materials.

#### 1.03 SUBMITTALS: (Not Used)

#### 1.04 WARRANTY

- A. windows shall carry the standard manufacturer's warranty for vinyl windows.

### PART 2 PRODUCTS

#### 2.01 MANUFACTURER:

- A. **Windows shall be Andersen Silver Line 1200 Series double-hung vinyl window or EQUAL. Windows shall be energy star compliant.**

#### 2.02 VINYL WINDOWS:

- A. **Main Frame-** Head, jamb, and sill shall be made from rigid, multi-hollow, polyvinylchloride (PVC) extrusions, which are .070" thick. Main frame of welded corner construction. Overall frame depth 3-1/4".
- B. **Sash-** Sash shall be made from rigid PVC extrusions, which are a minimum wall thickness of .062". Sash to be of welded corner construction. Bottom sash to have metal reinforcement in horizontal members. The top sash to have metal reinforcement in bottom rail.
- C. **Glazing-** Sash to be drop-in tape glazed using 3/4" thick insulating glass with rigid, extruded, vinyl, exterior glazing bead, filled with Argon gas.
- D. **Weatherstripping-** A finseal weatherstrip to be located on both the main frame head and sill. Two strips of finseal weatherstrip to be located at each sash stile. The top rail of the top sash and each interlock rail are to receive finseal weatherstrip. The bottom rail sash is to receive two "bulb type" weatherstrip. A polypile dust plug shall be located at the top of each interior sash stile.
- E. **Hardware-** Sash balancing mechanisms to consist of stainless steel constant force springs. Two metal, recessed, cam-type sweep locks are to be located equidistant from each end of the interlocking rail. Two metal, recessed sweep lock keepers to be fastened to the exterior interlocking rail. One injection molded thermo-plastic tilt latch shall be used at the ends of the top rail of each sash. A vinyl spring loaded sash stop shall be used at the bottom of each exterior jamb track and a rigid vinyl balance cover on the interior jamb track. All screws, clips, and other fasteners to be made of non-corrosive materials compatible with aluminum. Upper sash shall come equipped with vent latches.
- F. **Screen-** Full screens are required. Screens to be made from extruded aluminum, 5/16"x3/4", with a .040" thickness. Screens meet ANSI/AAMA standard. (Note: Insect screens are intended only

to provide reasonable insect control. They are not intended to prevent people or objects from exiting the window or to provide security against forced entry.)

### **PART 3 EXECUTION**

#### **3.01 EXAMINATION**

- A. Examine openings to verify that they comply with the manufacturer's installation requirements.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

#### **3.02 INSTALLATION**

- A. Frames should be installed straight, plumb, and level without twisting, bowing, or springing. Manufacturer's recommended installation instructions are to be used. Installer should make final adjustments to ensure proper sash operation and window performance.

**END OF SECTION 08561**

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