



1995 CSI SECTION 08585 Security Screens
2004 CSI SECTION 08 5666 Security Screens

Part 1 – General

- 1.01 Summary
 - A. Section includes:
 - 1. Aluminum Operable Security Screens
 - B. Related Sections:
- 1.02 References
 - A. American Architectural Manufacturers Association (AAMA)
 - B. American Society for Testing and Materials (ASTM)
 - C. Aluminum Association (AA)
- 1.03 System Description
 - A. General: In addition to requirements shown or specified, comply with:
 - B. Design Requirements: Arcadia Intruder 175 Series designed to fit any fixed or operable Arcadia window product. Adams Rite 1841 dead bolt locking hardware with throw bolt for 3 point locking system
 - C. Performance Requirements:
 - 1. Screens to meet a minimum Level 6 Security Level
- 1.04 Quality Assurance
 - A. Single Source Responsibility:
 - 1. Obtain Security Screens, entrances, storefronts, ribbon walls, window walls, curtain walls, window systems, and finish through one source from a single manufacturer.
 - Warranty
 - B. 2. System shall be warranted against failure and/or deterioration of metals due to manufacturing process for a period of two (2) years.

Part 2 – Products

- 2.01 Manufacturers
 - A. Acceptable Manufacturers:
 - 1. Arcadia, Inc., 3225 East Washington Blvd., Vernon, CA. Telephone 323/269-7300, Fax 323/269-7390.
 - B. Acceptable Products:
 - 1. Arcadia, Inc., Intruder 175 Series
- 2.02 Framing Materials and Accessories
 - A. Framing members, transition members, mullions, adaptors, and mounting: Extruded 6063-T6 aluminum alloy (ASTM B221 – Alloy G.S. 10a T6). Minimum .125" wall thickness on all framing members and .090" on all sash extrusions.
 - B. Perforated steel screen infill to be 14-gauge powder coated steel with an option for any type of woven mesh specified.
 - C. Screws, fastening devices, and internal components: Aluminum, stainless steel, or zinc-plated steel in accordance with ASTM.A-164. Perimeter anchors shall be aluminum or steel, providing the steel is properly isolated from aluminum. Provide tamper proof fasteners where necessary
- 2.03 Finish
 - A. Finish all exposed areas of aluminum and components as indicated.
 - 1. An Architectural Class II or I color anodic coating conforming with AA-M12C22A34/AA-M12C22A44.
 - a. Anodized finish color shall be Colornodic _____. (AB1 Light Champagne, AB2 Champagne, AB3 Light Bronze, AB4 Medium Bronze, AB5 Standard Medium Bronze, AB6 Dark Bronze, AB7 Standard Dark Bronze, AB8 Black, AG2 Gold.)
 - (or) 1. An Architectural Class II and I anodic coating conforming with AA-M12C22A31/AA-M12C22A41.
 - a. Anodize finish color shall be Colornodic _____ (#11 Clear)
 - (or) 1. Fluorocarbon Coating: AAMA 2605.2.
 - a. Resin: 70% PVDF Kynar 500/Hylar 5000.
 - b. Color: As selected by Architect.
- 2.04 System Fabrication
 - A. The perforated panel shall be attached between the main frame and interlocking cover plate with tamper resistant screws 3 inches on center maximum
 - B. There shall be no exposed fasteners at perimeter sections.

Part 3 – Execution

- 3.01 Examinations
 - A. Examine conditions and verify substrate conditions are acceptable for product installation.
- 3.02 Installation
 - A. Install in accordance with approved shop drawings and manufacturers installation instructions.

END OF SECTION