



## **SPECIFICATIONS**

### **3000 Series Vinyl Windows – The Coeur d’Alene Window Company**

- I. Part – General
  - 1.1 Work Included
    - 1.1.1 Factory assembled vinyl windows, glass and glazing, operable hardware, weather stripping, insect screens and grids.
    - 1.1.2 Anchorages, attachments and shims.
  - 1.2 Related Work
    - 1.2.1 Section 01340 – Shop drawings, product data and samples
    - 1.2.2 Section 01710 – Final cleaning
    - 1.2.3 Section 07920 – Sealants and caulking
  - 1.3 References – 3000 Series Windows
    - 1.3.1 Thermal Performance - NFRC 100-2014 – Procedure for determining fenestration product thermal properties.
    - 1.3.2 Solar Heat Gain Performance – NFRC 200-2014 – Procedure for determining fenestration solar heat gain and visible light transmittance at normal incidence.
    - 1.3.3 Condensation Resistance – NFRC 500-2014 – Procedure for determining fenestration product condensation resistance values.
    - 1.3.4 Insulated Glass Testing – IGMA Certified Glass only.
  - 1.4 Performance Criteria
    - 1.4.1 The sealed insulated glass shall meet the Class A requirements in accordance with ASTM E773, ASTM E774 and ASTM E546.
    - 1.4.2 The thermal transmittance shall be in accordance with AAMA 1503.1, and shall not exceed a “U-value” of .30 BTU/HR-FT-F or .30 BTU/HR (when internal grids are present).
  - 1.5 Testing – Field testing of the window units may be conducted by an independent testing agency as selected by the architect, owner and window manufacturer.
  - 1.6 Shop Drawings and Product Data –
    - 1.6.1 Submit Shop drawings and product data in accordance with section 01340.
    - 1.6.2 Indicate pertinent dimensioning, general construction, component connections and locations, hardware locations and installation details.
  - 1.7 Samples – Submit samples of windows illustrating glazing system, construction and color of frame.
  - 1.8 Delivery, storage and handling



1.8.1 Deliver, store and protect products to site. Supply installation instructions.

1.8.2 Store off ground, under cover, protected from weather and construction activities. Do not lay flat.

#### 1.9 Environmental requirements

1.9.1 Install sealants per manufacturer specifications.

1.9.2 Maintain minimum temperature in accordance with sealant manufacturer's specifications.

## II. Products

### 2.1 Manufacture

2.1.1 Windows shall be 3000 Series manufactured by The Coeur d'Alene Window Company, 11420 E Montgomery Dr, Spokane Valley, WA 99206. [www.coeurdalenewindow.com](http://www.coeurdalenewindow.com) 1.509.928.4686.

2.1.2 Factory assembled windows with sash installed in the frame. Types shall be:

3200 Single hung or Vertical Slider

3100 Horizontal Slider

3010/3310 Picture Window

3411 Casement

3511 Awning

3800 Patio Door

5800 Patio Door

### 2.2 Components

2.2.1 Frames shall be high impact resistant, rigid pipe grade polyvinyl chloride (PVC). All corners shall be heat welded with trimmed excess not to exceed 1/8". Exterior walls shall be at least .065" thick. Frame shall include a built in weep system and integral nail fin. Overall frame depth of 3 3/8" for windows only.

2.2.2 Sash shall be high impact resistant, rigid pipe grade polyvinyl chloride (PVC). All corners shall be heat welded with trimmed excess not to



exceed 1/8". Exterior walls shall be at least .065" thick. Meeting rails are to have an integrated locking system. All sashes exceeding 32" at the meeting rail shall be reinforced with metal. Bottom rails shall include weep holes.

2.2.3 Glazing shall be Cardinal Insulated Glass Units protected by Preserve Film. All insulated glass units shall be dual sealed with both a PIB sealant and Silicon. All units are to be argon filled. All units shall be IGMA certified glass.

2.2.4 Weather stripping shall consist of high density pile with an integral polypropylene fin strip around the operating sash.

2.2.5 The Screen shall consist of 18/16 mesh fiberglass screen cloth, set in an aluminum frame fitted to the exterior sash of the frame. Screens shall be removable from the inside of the building.

2.2.6 Hardware: Color matched locks on all operable sashes. Single-hung and double-hung windows shall have block and tackle balance systems.

2.3 Fabrication – Window frames shall be welded to within 1/8" of manufactured size.

2.4 Finish – Interior shall be white or adobe. Exterior shall be white, adobe, or bronze.

### III. Execution

3.1 Installation – Install windows in accordance with AAMA recommended installation procedures.

3.2 Adjustment – Adjust operating hardware as needed to assure proper operation. Contact The Coeur d'Alene Window Company if operational issue persists.

3.3 Cleaning – Clean windows per Cardinal and industry standard recommendations.

END OF SECTION

3000SPECS

