Windows & Doors

Submittal Package

-Buell Building –

630 St Joseph St, Rapid City, SD
Product Guide Specification
SECTION 08 52 13

ALUMINUM-CLAD WOOD [RECTANGULAR] FIXED-FRAME WINDOWS

PART 1 GENERAL

1.1 SECTION INCLUDES

A. Aluminum-clad wood fixed-frame windows.

PART 2 PRODUCTS

2.1 MANUFACTURER

A. Pella Corporation, 102 Main Street, Pella, Iowa 50219. Toll Free (800) 54-PELLA. Phone (641) 621-1000. Website www.pella.com.

2.2 ALUMINUM-CLAD WOOD FIXED-FRAME WINDOWS


B. Frame:
1. Select woods, water-repellent, preservative-treated with EnduraGuard® in accordance with WDMA I.S.-4. EnduraGuard includes water-repellency, three active fungicides and an insecticide applied to the frame.
2. Interior Exposed Surfaces: [Clear Pine] with no visible fastener holes.
4. Assembled with screws and concealed corner locks.
5. Overall Frame Depth: 5 inches (127 mm).

2.3 GLAZING

A. Glazing:
1. Float Glass: ASTM C 1036, Quality 1.

2. Type: Urethane-glazed, dual-seal, [annealed] [tempered] insulating glass with [[multi-layer Low-E coated with argon] [bronze air-filled multi-layer, Low-E coated

4. Type: Simulated-Divided-Light Glazing and Grilles:
   b. Insulating glass contains non-glare spacer between the panes of glass.
   d. Adhere bars to both sides of insulating glass with VHB acrylic adhesive tape.
   e. Finish: Finish color matches interior and exterior finish colors
2.7 FINISH

   1. Exterior aluminum surfaces shall be finished with the following multi-stage system:
      a. Clean and etch aluminum surface of oxides.
      b. Pre-treat with conversion coating.
      c. Top coat with baked-on polyester enamel.

2. Color: WHITE / TAN / BROWN / BLACK / BRICK RED / PUTTY / POPLAR WHITE / PORTOBELLO / HARTFORD GREEN / MORNING SKY GRAY TBD

3. Performance Requirements: Exterior aluminum finishes shall meet or exceed all performance requirements of AAMA 2603 and the following performance requirements of AAMA 2605:
   a. Dry Film Hardness: Eagle Turquoise Pencil, H minimum.
   b. Film Adhesion: 1 mm crosshatch, dry, wet, boiling water.
   d. Chemical Resistance: 10 percent Muriatic acid, 15 minutes. Mortar pat test, 24 hours.
   e. Detergent Resistance: 3 percent at 100 degrees F, 72 hours.

C. Interior Finish: [Unfinished, ready for site finishing] OR [Factory finished with 1 prime coat and 1 top coat of [White] [Linen White] [Bright White] TBD

END OF SECTION
Clad-Wood Fixed Frame Direct Set Windows

Unit Sections - Interior Glazed Rectangular and Angled Shapes

Scale 3" = 1' 0"

All dimensions are approximate.

See www.PellaADM.com for mullion limitations and reinforcing requirements.
These drawings are based on our interpretation of the information provided to us. They are submitted for final approval of the individual** responsible for the project and are not intended to create any warranty or other liability. The user** is responsible for compliance with applicable building codes or other regulations and determining the suitability of the suggestions for the particular application, including the final design of reinforcement, flashing, and sealant systems for all window and door installations.

** building owner, architect, contractor, installer and/or consumer

|
| Quote Name: Buell Building - Fixed Units - PH | Project Name: Ron - Buell Building |
| Jobsite Location: | |
| Room Location: 208 |
| Sales Branch Location: 23300 Heartland Pella |

FIXED - Non-Operable window with a 2" adhered bar horizontally to simulate the "hung window"
Customer Approval Form:

Signature: ___________________________ Date: ___________________________

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Viewed from the Exterior

Quote Number: 13776841
Line Number: 710
Quote Qty: 2
Scaling: 1/2" = 1'

Description: Pella® Reserve, Contemporary, Direct Set, Fixed Frame, 35 X 85, Tan

Rough Opening: 35.75" X 85.75"

Performance Information: U-Factor 0.30, SHGC 0.26, VLT 0.49, CPD PEL-N-18-03004-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08/11

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Quote Name: Buell Building - Fixed Units - PH#
Project Name: Ron - Buell Building

Jobsite Location: ,
Room Location: 206
Sales Branch Location: 23300 Heartland Pella
W1

Sashes = the operable parts of the window. The Sashes will be removed and a new window will be inserted inside the original window frame, leaving all exterior / interior Trim.

Existing Window Frames to remain

Existing Transoms to remain

Rot to be removed & discarded
The Tan Section is the only section to be removed and replaced = Sashes ONLY
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Typical Jamb Condition
Typical Jamb Condition