

Revive Series

VINYL DOUBLE HUNG FIXED

SPECIFICATIONS

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Factory assembled vinyl double hung fixed windows, glass and glazing, operable hardware, weatherstripping, and insect screen.
- B. Anchorages, attachments, and accessories.

1.02 RELATED SECTIONS

- A. Section 01340 - Shop Drawings, Product Data, and Samples.
- B. Section 01610 - Delivery, Storage, and Handling.
- C. Section 01710 - Final Cleaning.
- D. Section 07200 - Batt and Blanket Insulation.
- E. Section 07920 - Sealants and Caulking.
- F. Section 08800 - Glass and Glazing.

1.03 REFERENCES

- A. AMERICAN ARCHITECTURAL MANUFACTURERS ASSOCIATION (AAMA)
 - 1. AAMA/WDMA/CSA 101/I.S.2/A440-05 Standard/Specification for windows, doors, and unit skylights.
- B. AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM):
 - 1. ASTM E-283 - Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors.
 - 2. ASTM E-547 - Water Penetration of Exterior Windows, Curtain Walls, and Doors by Cyclic Static Air Pressure Difference.
 - 3. ASTM E-330 - Structural Performance of Exterior Windows, Curtain Walls, and Doors under Uniform Static Air Pressure Difference.
 - 4. ASTM E 1300- Standard Practice for Determining Load Resistance of Glass in Buildings
- C. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI).

1.04 PERFORMANCE CRITERIA

- A. Double Hung units shall meet requirements in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-05.
- B. Air leakage shall not exceed 0.30 cfm per sq.ft when tested in accordance with ASTM E-283 at 1.57 psf.
- C. No water penetration shall be allowed when tested in accordance with ASTM E-547.
- D. Window units shall withstand positive and negative wind loads without damage. The units shall be tested in accordance with ASTM E-330.

1.05 SUBMITTALS

- A. Shop drawings shall be submitted in accordance with Section 01340.
- B. Product data in the form of general catalogs, test lab reports, product performance, and warranty information shall be submitted in accordance with Section 01340.
- C. Samples showing glazing, construction and finish shall be submitted in accordance with Section 01340.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. In compliance with Section 01610, window units shall be delivered undamaged, with protective packaging. Complete installation and finishing instructions shall be included.
- B. Store units in a clean, dry place, off the ground in a 90 degree upright position. Do not store units under direct sunlight or in temperatures exceeding 140 degrees F.

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PART 2 - PRODUCTS

2.01 MANUFACTURER

- A. Revive Series Vinyl Double Hung Fixed windows as manufactured by Windsor Windows & Doors.

2.02 MATERIALS

- A. All frames are 4" in width and are manufactured using high performance *uPVC* extrusion material. The frame profiles incorporate a brickmould detail with a built-in J-channel. Each frame corner is fusion welded, increasing strength and maximizing weather-proof performance. An extruded rigid pre-punched nail fin surrounds the perimeter of the frame and is fusion welded during the manufacturing process. The nail fin is set back 1 1/4" from the outside face of the unit leaving an interior jamb width of 2 3/4". Factory or field applied jamb extensions kits are available up to 7 1/4". An accessory groove surrounds the perimeter of the interior and exterior to facilitate the attachment of mull strips or drywall and jamb extension receivers. Each frame contains a positive pressure drainage system to remove any moisture that may accumulate from heavy rain or condensation.
- B. Sash: This unit is direct glazed and has no sash.
- C. Finish: White exterior with white interior or clay exterior with clay interior. Color is encapsulated within 100% of all extrusions and is warranted for life not to blister, pit, corrode, flake, or peel.
- D. Glazing: All units include 3/4" double pane LoE 366 insulated glass as standard. Glass is set with snap-in glazing beads and adhesive tape. A wide array of other glass combinations is offered including clear, tinted, tempered, and obscure.
- E. Hardware: Fixed units contain no hardware.
- F. Screens: Fixed units contain no screens.
- G. Grilles: Rectangular aluminum inner grilles, available as 3/4" profiled, are color matched to the unit and are installed within the air space. Windsor-lite (WDL) simulates true divided lite, but is created by adhesively fixing the interior and exterior bars to the surfaces of the insulated glass. WDL bar shape is a 7/8" Putty profile, and is available with or without interior bar.
- H. Mulls: Each multiple wide unit includes factory applied vertical mulls and drip cap. Depending on the size, configuration, and structural requirements, mull units may include aluminum structural reinforcement bars.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Verify that there is no visible damage to the unit before installation.

3.02 INSTALLATION

- A. Verify the rough opening is of the recommended size and that it is plumb, level, and square.
- B. Install the window unit in accordance with the manufacturer's recommendations.
- C. Install sealants, backing material, and insulation around opening perimeter in accordance with Section 07900 and Section 07920.

3.03 ADJUSTMENT AND CLEANING

- A. Operate unit and verify that all hardware operates freely. Make any adjustments necessary.
- B. Cover the window unit to avoid damage due to spray paint, plaster, and other construction operations.
- C. Remove all visible labels and instructions.
- D. Final cleaning of glass in accordance of Section 01710.