

Westco Casement C-C50 Specifications

MANUFACTURER: Manufacturer shall be West Window Corporation, located at 226 Industrial Park, Martinsville, Virginia. (P.O. Box 3071, Martinsville, VA 24115, phone 276-638-2394.)

MATERIALS: Frame and sash main members are made of T6063-T6 aluminum alloy extrusions with a poured in channel urethane thermal barrier, debridged to resist temperature transfer through the extrusion. Typical extrusion wall thickness is .062 inches.

CONSTRUCTION: Frame components are assembled using double screw coped corner construction and are secured by #10 410 hardness stainless steel screws. Frame corner seams are sealed with a low modulus, non acetic silicone sealant. Frame depth is 2 5/8". Frames are available in new construction as well as replacement configurations.

Sash components are joined at the corner using double screw mitered corner construction and are fastened with 410 hardness stainless steel screws set in extruded screw bosses. Extruded aluminum sash keys are used at all four sash corners for additional strength.

GLAZING: Sash is interior wet glazed using high performance silicone along the perimeter of a sealed insulating glass unit. Sash may be re-glazed if necessary using existing sash rails.

Standard INSULATING GLASS UNITS have an overall thickness of 7/8" and consist of two lites of glass and one air space. The air space is created by a Warm-Edge TSS (Thermoset Spacer Technology) polymer spacer system. The edge seal consists of a uniform layer of hot melt butyl sealant. Insulating glass seal durability meets ASTM E2188-02, ASTM E2189-02, & ASTM E2190-02 specifications. Glazing options consist of clear, low emissivity, tinted, obscure, and tempered glass. Other glazing options available upon request.

SCREENS: Screen frame is made of T6063-T6 aluminum alloy extrusions and employs mitered corner construction, fastened at the corner with self locking zinc die cast corner keys. Screen cloth is of aluminum wire mesh held firmly in place by a solid vinyl spline. Screen is removable from the inside and attaches securely to the window with spring loaded plungers that engage the main frame.

HARDWARE: Casement hinges are concealed between sash and frame for low maintenance and clean exterior aesthetics. Casement window hinges shall be of slide and pivot design with snap stud disconnect and stainless steel track and reinforcement. Hinge system constructed with E-Gard components for enhanced corrosion protection. Stainless steel hinges are also available.

Locking system shall be Multi-Point with tie-bar driven by a single locking handle, constructed of high pressure zinc alloy and E-Gard internal components.

WEATHERSEALS: One row of Bulb weather-stripping and one row of wool pile weather-stripping is used on the active sash. One row of Bulb weather-stripping is used on the frame.

FINISHES: All aluminum extrusions in master frame and sash are finish painted with an electrostatically applied enamel in a choice of three colors: White, Bronze, and Clear Anodized. Architectural paint finish meets AAMA-2603 specification.

INSTALLATION: Installation of window shall be furnished by others and shall be done in a professional manner. Window shall be set plumb and square in opening with no twisting or distorting of the window, and shall be properly anchored. A non-hardening sealant compatible with aluminum shall be provided by the installer and applied by the installer in sufficient quantity to provide a watertight seal between the window and opening.

OPERATION: After installation, window shall operate smoothly with no binding of the sash. Sash lock(s) shall positively engage the lock keeper(s) when in the closed and locked position.

CERTIFICATION: Window shall conform to AAMA/WDMA/ CSA 101/I.S.2/A440-05 "Standard Specification for Windows, Doors, and Skylights" and meet all applicable criteria for C-C50 certified windows. Copies of certified test reports are available on request and may be obtained by writing West Window Corporation, P.O. Box 3071, Martinsville, VA 24115, or by calling (276) 638-2394.

WARRANTY: Window is covered by West Window Lifetime Limited Warranty. Details of the provisions of this warranty are available on request. West Window commenced operation in 1949.