

WINDOW WALL 760

SPECIFICATION SHEET



ALUMINUM WINDOW WALL

SPECIFICATIONS

MANUFACTURER:

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WINDOW WALL:

Thermally broken aluminum framing. Can be used as a complete building envelope incorporating, spandrel glazing or metal panels in front of interior walls, providing a complete exterior skin for the building. Windows can bypass the floor slab to minimize interface details with other construction material.

GENERAL:

The aluminum windows covered by these specifications are the AWD 760 window wall system. These windows conform to the CAN/CSA-A440-M90 specifications (Test results available on request).

ALUMINUM:

Window Members shall be extruded of Aluminum Alloy in accordance with CAN/CSA-A440-M90.

GLASS & GLAZING:

Window wall system shall be double glazed using 15.8mm (5/8") airspace as a nominal standard with double seal ventilators. Windows will accommodate various combinations of glass thickness dependent on architectural and engineering requirements. (Subject to the constraint of sealed unit overall maximum thickness 22.2mm (7/8")).

All glass to be float except patterned or obscure which shall be rolled glass (Optional tempered and laminated). Glass thickness and quality shall conform to the requirements of the National Building Code for Residential Construction, current edition.

Glass in both fixed lites and ventilators shall be laid in place, glazed from the interior, complete with full perimeter interior heel bead seal. Interior glazing stop to be rigid PVC.

All windows shall be shop glazed at the AWD Plant, depending on size and weight limitations.

MAIN PERIMETER FRAME:

Main frame is 4 5/8". Horizontal sections to be mechanically joined to verticals, and sealed with butyl patches. Mullions shall be of hollow construction or split to suit window configurations (for strength and reinforcing as required).

THERMAL BREAK:

Extruded P.V.C.

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CASEMENT AND AWNING WINDOW VENTILATOR:

Corners shall be mitred, mechanically joined, and sealed. The ventilator shall be double weather-stripped utilizing a 360 degree black finger seal of santoprene rubber, closing against the exterior face of the window. Ventilators will have one or two cam type handles locking positively against keepers mounted on frame or mullion members. Limit stops are optional for restricted opening applications.

HARDWARE:

All screws shall be stainless steel with ventilators utilizing stainless steel hinges. Egress hinges will be of similar finish. Hinges are completely concealed when ventilator is in closed position.

FINISH:

Standard colors are as per AWD color chart; White, Rideau Brown, or Beige. Optional architectural colors are available at additional cost. See AWD color chart.

THERMAL BREAK:

A high density PVC thermal break offering thermal resistance and excellent structural qualities.

INSTALLATION:

Shall be installed in accordance with AWD recommendations.

OPTIONAL EXTRAS:

Colors:

Please see Architectural Color Chart.

Glazing:

Glazing variations – Tempered, Tinted & Reflective Glass, Argon Gas Filled Sealed Units, Performance Coatings, Laminated Glass, Spandrel Glass, Insulated Metal Panels, and combinations thereof.

Flashings and Slab bands:

All brake shape metal is fabricated then painted from 16 Ga. aluminum to suit individual projects unless otherwise specified.