SV6000 - RECOMMENDED SPECFICATION

Airolite Louver Screen Type SV6000 is a versatile, vertical blade, 6 inch (152.4 mm) deep architectural louver screen designed for applications that require economical sight barriers. The vertical louver screen blade profile provides an effective visual screen when viewed from any angle. All materials are available in Airolite's broad array, kynar/ fluoropolymer, coatings for durability and compatibility with adjacent materials and finishes.

GENERAL

Where indicated on plans or described in schedules, furnish and install Louver Screen Type SV600 as designed and manufactured by The Airolite Company LLC, Schofield, Wisconsin. Louver screens shall be furnished in the configuration represented on the plan drawings and shall include installation hardware and finishes as specified and required as required for a complete installation.

SUBMITTALS

Manufacturer shall submit shop drawings incorporating key plans, elevations, sections and details showing profiles, angles and spacing of louver screen blades; unit dimensions related to wall openings and construction; and anchorage details and locations.

PRODUCTS

Louver Screen Type SV6000 shall be vertical blade, with concealed vertical mullions. Louver screens shall be 6 inches (152.4mm) deep and assembled by mechanically fastening or welding extruded aluminum components. Blades shall be 0.081-inch (2.06 mm) thick extruded aluminum, alloy 6005-T5. Blades shall be vertical, sight proof and spaced 4.250 inches (108 mm) on center. Blades shall be secured to horizontal support members located to withstand the specified wind design load.

STRUCTURAL DESIGN CRITERIA

Manufacturer shall design and furnished all supports required to withstand a wind force of not less than 25 pounds per square foot. Louver screens larger than 72-inches (183 cm) wide x 144-inches (366 cm) high or 144-inches (366 cm) wide x 72-inches (183 cm) high will be fabricated and installed in multiples sections. Louver screen blades and anchorages shall be demonstrated to withstand the specified wind design load.