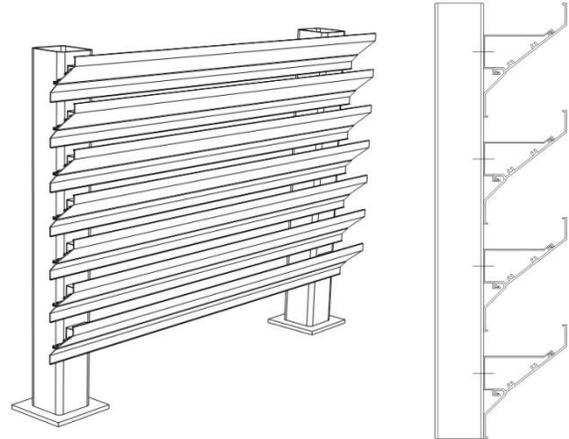


ARCHITECTURAL LOUVER SCREEN

Material	Aluminum (6063-T5)
Blade Thickness	0.094 inches
Vertical Support	Formed Z-Shape
Louver Screen Depth	4 inches
Louver Screen Height	Varies By Project



RECOMMENDED SPECIFICATION

ARCHITECTURAL LOUVER SCREEN

BladeScreens™ can be used in a variety of applications where a sight barrier is desired. It features a 3-7/8 inch horizontal blade depth with an 1/8" shim space for an inverted profile that creates a visual barrier when viewed straight ahead or from below. This visual barrier also conceals vertical supports and attachment clips.

GENERAL

Where indicated on plans or described in schedules, furnish and install BladeScreens™ by Facades United. BladeScreens shall be furnished in the configuration represented on the installer's shop drawings and shall include installation hardware and finishes as specified and as required for a complete installation.

SUBMITTALS

Installer shall submit shop drawings by incorporating plans, elevations, sections, and details showing profiles, angles, and spacing of louver screen blades and frames; unit dimensions related to wall openings and construction; and, anchorage details and locations. If required, color samples for approval should be provided.

PRODUCTS

BladeScreens™ shall be an inverted, horizontal blade, attached to a clip on vertical supports. Each blade shall be 3-7/8 inches deep with a 1/8" shim space and assembled mechanically or by welding extruded aluminum components. Each blade shall be 0.094 inch thick extruded aluminum (6063-T5) and be spaced per the project's requirements to maintain a complete visual barrier.

OPTIONAL CORNER CONFIGURATIONS

BladeScreens™ corners may be glued or welded by the installer to create closed, mitered corners in lieu of open joints. Installer may determine the gap width of open mitered joints. Project-specific requirements and the location and size of structural supports will determine the viability of closed, mitered corners.

STRUCTURAL DESIGN CRITERIA

Installer shall determine the quantity and spacing of all supports required to withstand a wind force of not less than 25 pounds per square foot for screen module sections (vertical supports) not larger than 72 inches on center. BladeScreens™ blades, horizontal members, and mechanical fasteners shall be demonstrated to withstand the project-specific wind loads.



MODEL 4H

FINISH OPTIONS

SPRAY APPLIED PAINTED FINISHES

Fluoropolymer (PVDF) Kynar 500 Finishes with 20 Year Finish Warranty

The Kynar 500® finish is an oven-cured fluoropolymer resin coating available in a wide variety of colors in two and three coat finishes. This spray applied finish is applied to metals that have been cleaned and treated with an inhibitive primer. It meets or exceeds the performance requirements of AAMA 2605, while also enhancing the metal's appearance and making it resistant to premature aging.

POWDER COATED FINISHES

AAMA 2605 Tested Powder Coat Finishes with up to 20 Year Finish Warranty

Powder Coating is a type of coating that is applied as a free-flowing, dry powder. The main difference between a conventional liquid paint and a powder coating is that the powder coating does not require a solvent to keep the binder and filler parts in a liquid suspension form. The powder may be a thermoplastic or a thermoset polymer.

ANODIZED FINISHES

Sulfuric Acid Anodization Class II AAMA 611 Finishes with 20 Year Finish Warranty

Anodized aluminum undergoes an electrolytic process where the thickness of the natural oxide layer on the metal's surface is increased to offer better resistance to corrosion and wear. This enhances the aluminum surface performance, while also giving it an attractive metallic appearance. The anodizing finish can be clear or dyed in a wide range of colors to suit the application.

ABOUT US

BladeScreens™ is a product designed by Facades United, a manufacturer and supplier of high performance exterior cladding products. For more information, please visit our Website or call 800-676-6717

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