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AL SERIES

Straight Blade Aluminum Louvers

AL Series

DESCRIPTION

Aluminum Louvers are engineered to be of the finest quality and offer a **wide range of available sizes**. The open grid design allows **air to circulate freely**, making this an ideal medium combining **light control, air control, and aesthetics**.

Aluminum Louvers are **non-flammable**, open grid material and may be installed **under sprinklers** in **accordance with all fire codes**.

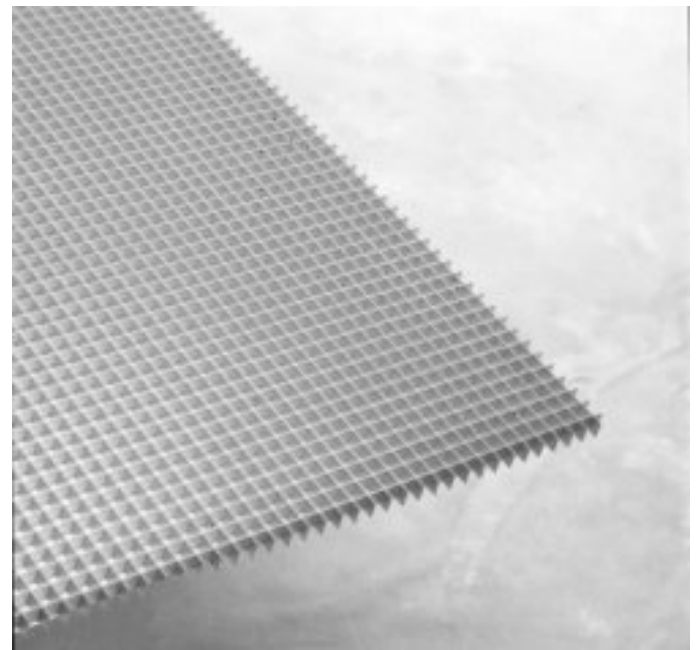
Note: Special finishes, colors and sizes are available.

Nominal Sizes

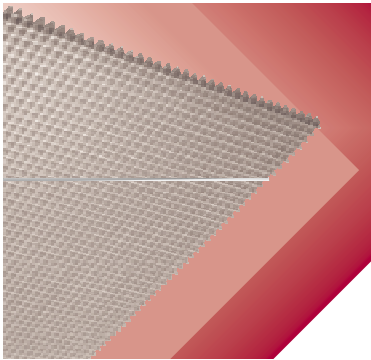
1' x 4'
2' x 2'
2' x 4'
3' x 3'
4' x 4'

Finish

Mill Finish
Black
Baked White Enamel
Clear Anodized



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ZONAL CAVITY COEFFICIENTS OF UTILIZATION

Ceiling Wall RCR	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20					
	80			50		
	50	30	10	50	30	10
1	53	51	50	49	48	46
2	49	47	45	46	45	43
3	45	42	40	43	41	39
4	42	39	36	40	38	36
5	38	35	33	37	34	32
6	35	32	30	34	32	30
7	33	29	27	32	29	27
8	30	27	24	29	26	24
9	27	24	22	26	23	21
10	25	21	19	24	21	19

Specifications

Aluminum Louvers provide 45° shielding, with cell sizes of 13x13x13mm to 100x100x100mm. These louvers are fabricated utilizing the “cold bond” method, to insure that every intersection of every louver blade is joined to provide an integral, rattle-free panel. This also insures precise alignment of the louver cells.

Photometric Data

Coefficients of utilization were computed on the zonal cavity method, based on a 1/2" x 1/2" x 1/2" white louver with 4-F40T12-RS lamps (3100 lumens each). Data based on lamp spacing 5-1/2" x 4-1/2" x 5-1/2" in a 2' x 4' luminaire.

1. Luminous ceiling installations are based on single fluorescent lamps on 1'-0" centers and 9" above louver panel, use multiplying factor of .90.
2. Multiplying factors for other louvers are as follows: 3/4" cell - 1.12, 1" cell - 1.25, 2" cell - 1.40 (baked white enamel finish).

APPLICATIONS

Medical Facilities
 Department Stores
 Commercial & Municipal Buildings
 Entries & Corridors
 Perimeter Lighting
 Elevators
 Banks
 Restrooms
 Point of Purchase Displays

