

AFL-501

Aluminum FEMA 361 Louver

Greenheck is pleased to introduce our AFL-501 louver for consideration on your next FEMA 361 construction project. Greenheck strives to provide design professionals, contractors and owners alike with high performance louver solutions that fit both form and function. We believe you will find the AFL-501 louver to be an excellent addition to our industry leading line of Severe Duty louver products.

*For product specifications see reverse side.

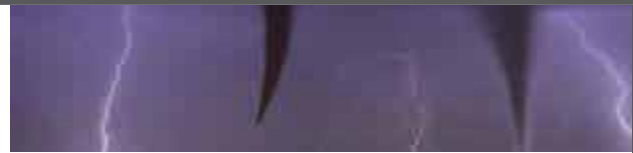


Features and Benefits

- Ideally suited to protect exterior wall penetrations on FEMA 361 or 320 compliant storm shelters or safe rooms
- All aluminum construction for superior weatherability
 - 5 ½ in. deep frame
 - Inverted V style blades
- **AMCA Licensed for Air Performance AND Water Penetration**
- Tested in accordance with and passes the ICC 500 debris impact standard
 - 15 lb. 2 x 4, 100 mph
- UL Classified wind-storm rated assembly
- Qualified for wind loads up to 250 psf when installed in accordance with published installation instructions
- Multiple installation configurations available
- Lighter and easier to install than equivalent steel FEMA 361 louver
- **More economical than equivalent steel FEMA 361 louver**
- More and better paint finishes available than equivalent steel FEMA 361 louver
- Available on faster lead times than equivalent steel FEMA 361 louver...including *Quick Build*



Suggested Specifications



Aluminum FEMA 361 Louver

Louvers shall be stationary style. Frame shall be 5.5 in. deep with 0.25 in. formed aluminum wall thickness. Blades shall be stationary horizontal inverted V style positioned on approximately 2 in. centers with 0.25 in. extruded aluminum wall thickness. Bird screen shall be internally mounted 0.063 in. thick flattened expanded aluminum. Louver performance shall be certified in accordance with the AMCA 511 Certified Ratings Program for AMCA 500-L Air Performance and Water Penetration and shall be licensed to bear the AMCA seal. Free area for a size 48 in. x 48 in. louver shall not be less than 7.60 sq. ft. (47.5%). Static pressure drop shall not be greater than 0.09 in. wg at 600 fpm free area intake or exhaust velocity. Beginning point of water penetration shall not be less than 634 fpm free area intake velocity. Louvers shall be UL Classified (Wind-Storm Rated) and shall be tested in accordance with the ICC 500 debris impact standard of a 15 lb. 2 x 4 traveling at 100 mph as per the requirements indicated within the FEMA 361 construction guidelines for a FEMA 361 or FEMA 320 compliant storm shelter or safe room. Louvers shall be capable of withstanding positive or negative wind pressure loads up to 250 psf when installed in accordance with the manufacturer's published installation instructions.

Available Finishes

Finish Type	Description/Application	Color Selection	Standard Warranty (Aluminum)
2-coat 70% KYNAR 500®/HYLAR 5000® AAMA 2605 – Dry film thickness 1.2 mil. (AKA: Duranar®, Fluoropon®, Trinar®, Fluoropolymer, Polyvinylidene Fluoride, PVDF2)	“Best.” The premier finish for extruded aluminum. Tough, long-lasting coating has superior color retention and abrasive properties. Resists chalking, fading, chemical abrasion and weathering.	Standard Colors: Any of the 24 standard colors shown can be furnished in 70% or 50% KYNAR 500®/HYLAR 5000® or Baked Enamel. 2-Coat Mica: Greenheck offers 9 standard 2-coat Mica colors. Other colors are available. Consult Greenheck for possible extra cost when selecting non-standard colors or special finishes.	10 Years (Consult Greenheck for availability of extended warranty)
2-coat 50% KYNAR 500®/HYLAR 5000® AAMA 2604 – Dry film thickness 1.2 mil. (AKA: Acroflur®, Acrynar®)	“Better.” Tough, long-lasting coating has excellent color retention and abrasive properties. Resists chalking, fading, chemical abrasion and weathering.		5 Years
Baked Enamel AAMA 2603 – Dry film thickness 0.8 mil. (AKA: Acrabond Plus®, Duracron®)	“Good.” Provides good adhesion and resistance to weathering, corrosion and chemical stain.		1 Year
Mill	Materials may be supplied in natural aluminum or galvanized steel finish when normal weathering is acceptable and there is no concern for color or color change.		Not Applicable

Finishes meet or exceed AAMA 2605, AAMA 2604, and AAMA 2603 requirements. Please consult www.greenheck.com for complete information on standard and extended paint warranties. Paint finish warranties are not applicable to steel products.

For more information regarding the Greenheck AFL-501 louver visit www.greenheck.com or consult your local Greenheck sales representative.

