

ARCHITECTURAL SPECIFICATION

ADS-L-260M Forced Entry Resistant Louver System

PART I – General

1.1 SECTION INCLUDES

- A. This section covers the furnishing and installation of a ADS-L-260M Forced Entry Resistant Louver System. Provide complete system that has been fabricated and tested for proper operation at the factory.
- B. All tube steel conforms to ASTM A500-10A. All round, plate and shaped steel to ASTM A36. All welds conform to AWS ASTM D1.1
- C. ADS-L-260M System includes louver frame and sub-frame/
- D. Design and material are identical as to those used meet requirements set forth in DOS SD-STD-01.01 (Rev G Amended).

1.2 CRASH RATING, TESTING, QUALITY ASSURANCE

- A. Meet the 60-Minute forced entry and high powered rifle requirements as set forth in DOS SD-STD-01.01, (Rev G Amended); defeating multiple impacts of 7.62mm NATO and 5.56mm projectiles as defined by applicable U.S. Government Standards.

1.3 SUBMITTALS

- A. Submit generic drawings of standard product and finish samples if required.
- B. Indicate pertinent dimensions, general construction, component connections and location, anchorage methods and location, hardware and installation details.

1.4 DELIVERY, STORAGE AND HANDLING

- A. Deliver material to job site in manufacturer's packaging, undamaged, and complete with installation instructions.
- B. Store off ground, under cover, protected from weather and construction activities.

1.5 PROJECT/SITE CONDITIONS

Install ADS-L-260M Louver per manufacturer's printed instructions. Installer/owner to supply required inspections.

1.6 WARRANTY

Weathers Manufacturing warranties its products against defencts in material and workmanship for a period of one and one half (1 ½) years from date of shipment. This warranty excludes normal wear on finishes or damage that occurs due to impact, abuse, misuse or acts of God.

PART 2 – Products

2.1 MANUFACTURER

ADS-L-260M Louver system as manufactured by;

Weathers Manufacturing Inc.
9535 US 401 N. Fuquay Varina, NC 27526
Ph 919.552.5945 Fax 866.438.4682
www.weathersmfg.com

2.2 CONSTRUCTION

- A. Louver: Constructed of ballistic steel angles in chevron arrangement.
- B. Louver Frame: Constructed of formed steel with steel tube loose stops. Framing dimensions are 2-1/4" wide x 10" deep. Louver frames are completely fabricated and assembled at the factory. Frames are predrilled to accept 12mm anchors at 305mm on center. Shims are provided to take up the space at each anchor between the frame and rough opening.
- C. Sub-Frame: To meet the forced entry requirements of DOS SD-STD-01.01 (Rev. G Amended), steel tube subframes of 1/4" wall thickness minimum must be attached to concrete or masonry with Hilti® Epoxy Anchoring System. An acceptable alternative is the use of steel embeds, 1/2" thick minimum. These systems are included as options in our product line.

2.3 FINISHES

All louvers are furnished hot-dipped galvanized. Frames are zinc-rich coated and primed, ready for field painted final finish. Options: Factory can apply polyurethane enamel; color chart is available upon request.

2.4 WEIGHTS AND MEASUREMENTS

Standard Louver:

Louver Thickness:	7- 7/8"
Frame Depth:	10"
Louver Size:	96" x 120" (Maximum as Tested)
Shipping Weight:	100 lbs/sf

DOS Codes and Model Numbers:

- Opaque: DOS 2133 GPL-60R-ADSI-01