

THREE PART SHORT FORM SPECIFICATIONS (CSI)

ASH590 ROLLING ALUMINUM PERFORATED SHUTTER

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Rolling Shutter – Overhead Rolling Door and Grille
- B. Preparation of door opening, structural or miscellaneous ironwork, access panels, electrical wiring, conduit, disconnect switches, drywall and finish painting are in the scope of the work of other sections or trades.

1.2 WARRANTY

- A. The standard warranty shall cover the repair or replacement of defective components or assembly labour for a period of two year or specified cycles, whichever comes first following the installation of the grille.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Amstel Manufacturing (1993) Inc
128 Centre Street East, Richmond Hill, Ontario. L4C 1A6. Canada.
Ph. 1-800-663-6206 or 905-508-0855 Fx. 1-866-525-1304 or 905-508-8487
E. projects@amstel-doors.com
W. www.amstel-doors.com.
- B. Substitute products by the following manufacturers are accepted:
 - 1. McKinlay Door Sales
- C. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00.

2.2 MATERIALS

- A. ASH590 Rolling Aluminum Perforated Shutter
 - 1. Curtain:
 - a. Constructed of interlocking extruded aluminum slat sections 18 gauge (0.04"/1.02 mm) thick, 3/4" (19.7 mm) deep and individually 3-3/16" (81 mm) high, with an overall width sized to suit the door opening. Surface of slat is flat and 2-3/4" (70 mm) high. Slat are perforated with 0.046" (1.17 mm) diameter holes to allow 25% airflow with an overall width sized to suit door opening.
 - 2. Aluminum is to be 6063 aluminum alloy with t-5 temper conforming to ASTM B 221.
 - 3. Aluminum Bottom Bar:
 - a. Standard: Econo Bottom Bar. Members are to be horizontal bottom bars of tubular aluminum extrusion 2" (51 mm) in width and 3.25" (82.5 mm) in height and 0.10" (2.5 mm) wall thickness

PART 3 EXECUTION

3.1 PREPARATION & EXAMINATION

- A. Site preparations are to be detailed by approved shop drawings. Verify opening dimensions by actual site measurements.
- B. Contractor shall make structural or other preparation of the opening to receive guides and grille, provide finish or trim to the opening.

3.2 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Structural steel support, where provided by Amstel, is not self-supporting and must be adequately secured during installation for proper and safe operation of the door.

3.3 MAINTENANCE

- A. The guides should be kept clean of dirt, particularly in the area of the bottom of the guide pocket where dust and dirt can accumulate.
- B. The curtains should be cleaned at least once a year with a damp rag and a non-abrasive cleaner.
- C. It is recommended that the shutter balance should be checked on a yearly basis and the tension adjusted if necessary.
- D. For jackshaft motorized or indirect hand crank operated shutters the chain should be lubricated four times a year.

END OF SECTION

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE