



## **Specifications – MINI-SHUTTER**

### **Part 1-General**

(Manual) or (electric) operation rolling aluminum mini-shutters as supplied by DAGENDOR 1-800-301-0097.

#### 1.01 Submittals

Submit manufacturer's product data, samples, specifications, shop drawings and installation instructions.

#### 1.02 Exclusions

Work excluded. Preparation to receive closure including supports, access panels and other structural, paint or trim work.

### **Part 2-Products**

#### 2.01 Manufacturer

Provide mini-shutters as supplied by DAGENDOR 1-800-301-0097.

#### 2.02 Curtain

A. Series 400 – Aluminium roll formed foam-filled slats, aluminium 3005-H26 alloy with polyurethane foam insulation core. Colour: Arctic white, Medium Brown, Ivory Tusk, Aluminium Grey.

B. Series 420 – Aluminium roll formed high-density foam-filled slats, aluminium 3005-H26 alloy with high-density polyurethane foam insulation core. Colour: Arctic White, Medium Brown, Ivory Tusk, Aluminium Grey.

C. Series 450 – Aluminium double-walled extruded slats, aluminium 6063-T5 alloy. Colour: Satin Clear Anodized Finish.

D. Series 500 – Aluminium roll formed foam-filled slats, aluminium 3005-H26 alloy with polyurethane foam insulation core. Colour: Arctic White.

#### 2.03 System description

Manual tape operation: Manual strap attached to internal tape disk, which is connected to axle. Complete with tape recoil box assembly.

or

Manual push-up operation: Manual push-up unit with overhead counter balance device, requiring 14 kg nominal force to operate.

or

Manual crank operation: Hoist operator including crank gearbox, steel crankshaft and geared reduction unit. Removable crank handle.

or

Motor operated: Internal tubular motor within the winding axle with progressive limit switch. Single phase 110V-60Hz.

#### 2.04 Guide rail

Heavy gauge extruded 6063-T5 aluminium alloy rails with two high-grade brush inserts.

#### 2.05 Roller shaft counterbalance

Steel pipe and torsion steel spring system, capable of producing torque sufficient to ensure smooth operation of curtain from any position and with adjustable spring tension.

#### 2.06 Locking

A. Bottom bar slide bolt locking operated by knobs at each end,

or

B. Slide bolt locking operated by centre mounted thumb turn,

or

C. Centre mounted 1 1/8" mortise cylinder lock operable from one side (or both sides). Master keyable cylinder available on request.

#### 2.07 Hood enclosure

3005-H27-Aluminium alloy box section, detachable for future servicing.

### Part 3-Installation

#### 3.01 Inspection

Before proceeding, please make sure that the site is compliant with the following. If not, please contact your sales representative or our head office at 1-800-301-0097.

A. Make sure that the site measurements (height, width, and configuration) correspond with the shop drawing(s).

#### 3.02 Execution

A. Install as per DAGENDOR's installation instructions in accordance with shop drawing(s).

B. Verify that the installation is completed and that the closure is working smoothly.

***Specifications are subject to change without notice.***