

Section 11130  
Loading Dock Equipment

TMI Save-T Screen-Pro™ Roll-Up Bug Screen Doors

PART 1 - GENERAL

1.1 WORK INCLUDED

- 1.1.1 Ensure that jambs and lintels are plumb and square. Recommended jamb thickness is minimum of 8".

1.2 SUBMITTALS

- 1.2.1 Product Data: Submit manufacturer's product data and installation instructions.
- 1.2.2 Shop Drawings: Submit shop drawings and measurement guides for production and installation of Screen-Pro™ door. Show fabrication and installation details; include door elevations, head, jamb, and meeting stile details including full or partial gaskets.
- 1.2.3 Maintenance Data: Submit manufacturer's maintenance and service data, as well as information for local authorized Screen-Pro distributor.

1.3 FIELD MEASUREMENTS

- 1.3.1 Verify field measurements are as indicated on shop drawings and door measurement guide.

1.4 DELIVERY, STORAGE, AND HANDLING

- 1.4.1 Store products in manufacturer's unopened packaging until ready for installation.
- 1.4.2 Acceptance at sight: Inspect work upon delivery for damage, rejecting any damaged items.

1.5 WARRANTY

- 1.5.1 Manufacturer's standard one-year warranty that products are free of defects in material and workmanship, guaranteeing to replace parts (exclusive of freight and labor) proven defective within one year after date of shipment to purchaser.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- 2.1.1 Manufacturer of Screen-Pro™ doors: TMI LLC, 5350 Campbells Run Road, Pittsburgh, PA 15205. Toll Free: 1-800-888-9750. Outside US: 412-787-9750. Fax: 412-787-3665. Website: [www.tmi-pvc.com](http://www.tmi-pvc.com). Email: info@tmi-pvc.com

- 2.1.2 Substitutions: Not permitted.

2.2 SCREEN-PRO™ ROLL UP DOORS

- 2.2.1 Door Type: Screen-Pro™ as manufactured by TMI, LLC.
- 2.2.2 Sizes: Maximum door size for motorized and chain hoist activation types is 168" wide x 168" high. Maximum door size for spring loaded pull down types is 144" wide x 144" high.

- 2.2.3 Mounting Options: In-Jamb - mounted in the door jamb under the lintel; Face of Wall – mounted on the wall where no existing door is present; Inside Stand-Off – mounted around an existing garage door.
- 2.2.4 Panel Construction: Standard Screen-Pros are constructed of 1 ply of 11 oz high strength 17 x 11 PVC coated vinyl mesh. Color: Royal Blue. Other colors are available.
  - 2.2.4.1 Options: Bird Mesh material (Royal Blue only), 18.5 oz. PVC polyester reinforced coated vinyl, 22 oz. PVC polyester reinforced coated vinyl, 40 oz PVC polyester reinforced coated vinyl, .060" Clear PVC window available with coated vinyl material. All panels are modular for easy seasonal changes and replacement. Panels slide in/out of extruded aluminum wind bars.
- 2.2.5 Side Columns: Extruded aluminum guide tracks, 4 ½" deep with bolt together design. Columns include a weatherseal and UHMW insert for a tight seal and reduced friction.
- 2.2.6 Bottom Breakaway Bar: Extruded aluminum design breaks away free from the door track when hit. Breakaway bar can be conveniently replaced into the door tracks.
- 2.2.7 Operation: Manual activation styles include Spring Loaded tubes and Chain Hoists (mount to the right of the door only). Automatic activation styles include In-Tube and External Continuous Duty motors.
- 2.2.8 Controls: Spring-Loaded Screen-Pro doors include yellow pull down straps to manually open and close the door. Chain-Hoist model includes a chain for pulling the door open and closed. In-tube motorized and external motors include an up/down rocker switch.
  - 2.2.8.1 Options: Activation for motorized Screen-Pro doors includes remote controls, motion sensors, and time delays.
- 2.2.9 Safety Features: Screen-Pro doors can be supplied with optional photo-eye and reversing safety edge (motorized units only).

### PART 3 - EXECUTION

#### 3.1 EXAMINATION

- 3.1.1 Do not begin installation until substrates have been properly prepared; Verify jambs plumb and square.
- 3.1.2 If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

#### 3.2 PREPARATION

- 3.2.1 Prepare installation of Screen-Pro™ to metal or masonry.

#### 3.3 INSTALLATION

- 3.3.1 Install in accordance with manufacturer's instructions.
- 3.3.2 Minimum jamb construction of double studded 2 by 4 wood construction or equivalent.
- 3.3.3 Reinforce hollow metal jambs and sheet metal walls at hardware locations.