

SECTION 08360

SECTIONAL OVERHEAD DOORS



PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Factory assembled overhead door panel
- B. Hardware

1.2 RELATED SECTIONS

- A. Section 04810 - Unit Masonry Assemblies: Prepared opening in masonry.
- B. Section 05500 – Metal Fabrications: - Steel framed door openings.
- C. Section 06100 – Rough Carpentry: Wood framing and blocking for door opening.
- D. Section 07900 - Joint Sealers: Perimeter sealant and backup materials.

1.3 REFERENCES

- A. ANSI/DASMA 102.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
  - 1. Preparation instructions and recommendations.
  - 2. Storage and handling requirements and recommendations.
  - 3. Installation methods.
  - 4. Operation and maintenance data.
- C. Shop Drawings: Include opening dimensions and required tolerances, connection details, anchorage spacing, hardware locations, and installation details.

1.5 WIND PERFORMANCE REQUIREMENTS

- A. Design doors to withstand positive and negative wind loads as calculated in accordance with applicable governing building codes.
  - 1. Design pressure of \_\_\_\_\_ lb/sq ft (\_\_\_\_\_ kPa)

Door specifications and technical data subject to change without notice.

## 1.6 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing the types of doors specified in this section with minimum five years documented experience.
- B. Installer Qualifications: Installation to be by qualified dealer in accordance with the manufacturer's installation instructions.

## 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.

## 1.8 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

## 1.9 WARRANTY

- A. 2-year limited warranty.

# PART 2 PRODUCTS

## 2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Amarr; 165 Carriage Court, Winston-Salem, NC 27105. ASD. Tel: (800) 503-3667. Fax: (336) 251-1851. Email: [Marketing@amarr.com](mailto:Marketing@amarr.com) Website: [www.amarr.com](http://www.amarr.com).
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

## 2.2 IMPACT SECTIONS - GENERAL

- A. Provide up to two (2) impact sections per door up to 12 feet' 2 inches (3708mm) wide.
- B. Hardware:
  - 1. Heavy-duty easy grip handle included.
  - 2. Standard 2" or 3" bottom-pull brackets and rollers included.

## 2.3 IMPACT SECTIONS

- A. Amarr SuperFlex Commercial 1 3/4" inches (51 mm) polymer skin impact sections.
  - 1. Section Size: As indicated on the Drawings.
  - 2. Door Sections: Constructed of polymer skin and a flexible tube frame which allows the panel to flex upon impact and return to its normal operating position.
    - a. 1-3/4 inch thick panel.
    - b. Panel height and width manufactured to match dimensions of existing panel to be replaced. Panel size to be specified at time of order.
    - c. Foam insulation provides 8.5 R-Value.
    - d. Loop seal designed to seal against existing tongue/groove or ship/lap panels.
    - e. Durable bottom seal with foam cord insert

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- 3. Color: Bright white panels for easy visibility
- 2.4 FABRICATION
  - A. Impact Sections.
    - 1. Standard maximum width: Amarr SuperFlex 12 feet 2 inches width (3708mm)

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. Verify wall openings are ready to receive work and opening dimensions and tolerances are within specified limits.

### 3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare opening to permit correct installation of door unit to perimeter air and vapor barrier seal.

### 3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions. Doors to be interior face mounted on a prepared surface.
- B. Anchor assembly to wall construction and building framing without distortion.
- C. Securely brace door tracks suspended from structure. Secure tracks to structural members or solid backing only.
- D. Fit and align door assembly, tracks and operating hardware.
- E. Install perimeter weatherstripping.
- F. Adjust door assembly to smooth operation and in full contact with weatherstripping.

### 3.4 CLEANING

- A. Clean doors, frames and glass.
- B. Remove labels and visible markings.

### 3.5 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION

Door specifications and technical data subject to change without notice.