SECTION 08360

SECTIONAL OVERHEAD DOORS



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\*\* NOTE TO SPECIFIER \*\* Amarr commercial insulated, non-insulated and aluminum sectional overhead door products.

This section is based on the products of Amarr, which is located at:

 165 Carriage Court

 Winston-Salem, NC 27105

 Tel: (800) 503-3667

 Fax: (336) 251-1851

 Email: Marketing@amarr.com

 [www.amarr.com](http://www.amarr.com)

Amarr is a part of ASSA ABLOY, a global group comprised of well-established access solution brands with operations in over 70 countries. ASSA ABLOY group companies provides one of the world’s most complete ranges of access essentials like mechanical and digital locks, cylinders, keys, tags, security doors and automated entrances.

Established in 1951, Amarr is one of the world’s leading brands in design, manufacturing and distribution of sectional doors and automated dock & drive through fenestration solutions for commercial buildings, shopping malls, warehouses, and condominiums.

Amarr has over 60 Amarr Door Centers spread throughout the United States, Canada, and Mexico. Each these Door Center is a “mini-plant”, stocked with hundreds of sizes and styles of commercial and residential garage doors. In addition, because sometimes you need a door fast, each Door Center can customize doors with options and accessories, to fit most openings – usually within 24 hours.

Amarr Door Centers are staffed with managers who can help you with your day-to-day questions about garage doors, track and springing specifications. This local manager is a reliable source of information for you…when you need it.

Amarr brand products are installed throughout the United States, Canada, and Mexico by more than 3,000 professional independent garage door dealers. This extensive network provides widespread accessibility and reliable service for the new construction, replacement, industrial and commercial markets.

1. GENERAL
	1. SECTION INCLUDES

\*\* NOTE TO SPECIFIER \*\* Delete items below not required for project.

* + 1. Factory assembled overhead door panel
		2. Hardware
	1. RELATED SECTIONS

\*\* NOTE TO SPECIFIER \*\* Delete any sections below not relevant to this project; add others as required.

* + 1. Section 04810 - Unit Masonry Assemblies: Prepared opening in masonry.
		2. Section 05500 – Metal Fabrications: - Steel framed door openings.
		3. Section 06100 – Rough Carpentry: Wood framing and blocking for door opening.
		4. Section 07900 - Joint Sealers: Perimeter sealant and backup materials.
	1. REFERENCES

\*\* NOTE TO SPECIFIER \*\* Delete references from the list below that are not actually required by the text of the edited section.

* + 1. ANSI/DASMA 102.
	1. SUBMITTALS
		1. Submit under provisions of Section 01300.
		2. 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.
		3. Shop Drawings: Include opening dimensions and required tolerances, connection details, anchorage spacing, hardware locations, and installation details.
	2. WIND PERFORMANCE REQUIREMENTS
		1. 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)
	3. QUALITY ASSURANCE
		1. Manufacturer Qualifications: Company specializing in manufacturing the types of doors specified in this section with minimum five years documented experience.
		2. Installer Qualifications: Installation to be by qualified dealer in accordance with the manufacturer’s installation instructions.
	4. DELIVERY, STORAGE, AND HANDLING
		1. Store products in manufacturer's unopened packaging until ready for installation.
	5. PROJECT CONDITIONS
		1. 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.
	6. WARRANTY
		1. 2-year limited warranty.
1. PRODUCTS
	1. MANUFACTURERS
		1. Acceptable Manufacturer: Amarr; 165 Carriage Court, Winston-Salem, NC 27105. ASD. Tel: (800) 503-3667. Fax: (336) 251-1851. Email: Marketing@amarr.com Website: [www.amarr.com](http://www.amarr.com).

\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.

* + 1. Substitutions: Not permitted.
		2. Requests for substitutions will be considered in accordance with provisions of Section 01600.
	1. IMPACT SECTIONS - GENERAL
		1. Provide up to two (2) impact sections per door up to 12 feet’ 2 inches (3708mm) wide.
		2. Hardware:
			1. Heavy-duty easy grip handle included.
			2. Standard 2” or 3” bottom-pull brackets and rollers included.
	2. IMPACT SECTIONS
		1. Amarr SuperFlex Commercial 1 ¾” 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.
				1. 1-3/4 inch thick panel.
				2. Panel height and width manufactured to match dimensions of existing panel to be replaced. Panel size to be specified at time of order.
				3. Foam insulation provides 8.5 R-Value.
				4. Loop seal designed to seal against existing tongue/groove or ship/lap panels.
				5. Durable bottom seal with foam cord insert
			3. Color: Bright white panels for easy visibility
	3. FABRICATION
		1. Impact Sections.
			1. Standard maximum width: Amarr SuperFlex 12 feet 2 inches width (3708mm)
1. EXECUTION
	1. EXAMINATION
		1. Do not begin installation until substrates have been properly prepared.
		2. Verify wall openings are ready to receive work and opening dimensions and tolerances are within specified limits.
	2. PREPARATION
		1. Clean surfaces thoroughly prior to installation.
		2. Prepare opening to permit correct installation of door unit to perimeter air and vapor barrier seal.
	3. INSTALLATION
		1. Install in accordance with manufacturer's instructions. Doors to be interior face mounted on a prepared surface.
		2. Anchor assembly to wall construction and building framing without distortion.
		3. Securely brace door tracks suspended from structure. Secure tracks to structural members or solid backing only.
		4. Fit and align door assembly, tracks and operating hardware.
		5. Install perimeter weatherstripping.
		6. Adjust door assembly to smooth operation and in full contact with weatherstripping.
	4. CLEANING
		1. Clean doors, frames and glass.
		2. Remove labels and visible markings.
	5. PROTECTION
		1. Protect installed products until completion of project.
		2. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION