

Product and System Specifications

ENCLOSURE GUY Patio Enclosures

Specifier Note: The purpose of this guide specification is to assist the specifier in correctly specifying clear patio shades, clear patio screens, and clear patio enclosure systems manufactured by ENCLOSURE GUY. The specifier needs to edit these guide specifications to fit the needs of each specific project. Contact an ENCLOSURE GUY specialist to assist in appropriate product selections and design assistance. Throughout the guide specification, there are Specifier Notes to assist in editing of the file.

This guide is for commercial applications using a retractable, clear vinyl enclosure system. This high-performance system is designed to block direct sunlight, provide windbreak, or provide a weather barrier from rain, snow, or colder temperatures for gazebos, pavilions, solariums, restaurant/bar patios, or other outdoor spaces while retaining views to the exterior.

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RETRACTABLE PATIO ENCLOSURE

PART 1 – GENERAL

1.1 SUMMARY

- A. Section includes:
 - 1. Custom manufactured retractable patio enclosure systems, including components and attachment hardware, and installation.

1.2 RELATED SECTIONS

- A. Section 05 56 00 – Metal Castings
- B. Section 05 09 00 – Metal Fastenings

1.3 REFERENCES

- A. ASTM International (ASTM):
 - 1. ASTM D 882 - Standard Test Method for Tensile Properties of Thin Plastic Sheeting
 - 2. ASTM D 1004 - Standard Test Method for Tear Resistance (Graves Tear) of Plastic Film and Sheeting
 - 3. ASTM D2261 – Standard Test Method for Tearing Strength of Textile Fabrics by Tongue (Single Rip) Procedure
 - 4. ASTM D2724 – Standard Test Method for Bonded, Fused, and Laminated Apparel Fabrics
 - 5. ASTM D5035 – Standard Test Method for Breaking Force and Elongation of Textile Fabrics (Strip Method)
 - 6. ASTM E 84 – Standard Test Method for Surface Burning Characteristics of Building Materials
- B. Upholstered Furniture Action Council (UFAC) – Class 'I' Rating
- C. Suntex Vinyl Coated Polyester Fabric (Suntext 80, Suntext 90):
 - 1. Microban Antimicrobial Protection
 - 2. GreenGuard Indoor Air Quality

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

1.4 SUBMITTALS

- A. Product Data: Manufacturer's data sheets for specified products.
- B. Shop Drawings: Drawings prepared by the manufacturer showing the vinyl patio enclosure system layout, typical details, connections, hardware, and the installation sequence shall be submitted to the architect, contractor, or client upon request. Shop drawings shall include the following:
 - 1. Submit elevations, sections and details of assembly components; indicate locations and configurations.
 - 2. Show sequence of installation and attachment details.
 - 3. Show location of members, other items of work and related work of other Sections to be coordinated with work of this section.
- D. Verification Samples: For each finish product specified, one sample, minimum size 12 inches [305 mm] by 12 inches [305 mm], representing actual products, styles, colors, patterns, and textures.
- E. Warranty: Copy of manufacturer's standard warranty.
- F. Closeout: Copy of Maintenance Data

1.5 QUALITY ASSURANCE

- A. Single Source Requirements: All components and hardware of the enclosure system shall be provided by Enclosure Guy.
- B. Manufacturer Qualifications: Minimum thirty (30) years experience manufacturing similar products.
- C. Installer Qualifications:
 - 1. Experienced Installer with minimum of ten (10) years experience with successfully completed projects of a similar nature and scope.
 - 2. Received instruction by manufacturer's personnel in the installation of the Patio Enclosure System.
- D. Mockup: Provide a mock-up of the Enclosure system, including hardware attachments, at location as directed by Architect.
 - 1. Approval of mock-up does not relieve Contractor of responsibility to comply with all requirements of contract documents.
 - 2. Approved mock-up may become part of installation if approved by Architect.
- E. Conduct a pre-installation meeting to verify all products, installation procedures, site conditions and warranty terms.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Materials shall be delivered to the location in unopened factory containers. Upon arrival, materials shall be inspected for damage and manufacturer informed of any discrepancies. Deficient materials shall not be used.
 - 1. Deliver, unload, store, and erect components without exposing products to surface damage from weather or construction operations.

- B. Materials shall be stored in a protected location and safeguarded from damage.

1.7 WARRANTY

- A. Manufacturer's Standard Warranty: All workmanship and materials are guaranteed for a period of five (5) years from the date of Substantial Completion of the project.

PART 2 – PRODUCTS

2.1 MANUFACTURER

- A. Basis of Design: Contract Documents are based on product designed by:

- 1. Enclosure Guy
1507 N. Saint Joseph Street
Gonzales, TX 78629
Tel: (888) 254-6892
Fax: (877) 223-2598
Email: clint@enclosureguy.com
Web: www.enclosureguy.com

- B. Substitutions: Not Permitted.

2.2 VINYL PATIO ENCLOSURE SYSTEM

Specifier: Select System Type from selections below.

- a. Roll-Down System: System operated by Pulleys.
 - 1. Type: **[Manual – Hand Rolled with Velcro Cinch Snaps] [Mechanical – Rope and Pulley Kit]**.
 - 2. Clear Vinyl Insert: 20-mil (weight: 1 oz. per square foot), Clear, UV/Fire/Mold/Mildew/Rot Resistant, Water Repellent. ASTM D 882 and ASTM D 1004.
 - 3. Suntex Coated Vinyl Polyester Fabric: 18 oz.
 - a. Trim provided at Top, Sides and Bottom
 - b. Color: **[As selected by Specifier from manufacturer's standard colors]**
 - 4. Track System: Aluminum Track system determined and provided by Enclosure Guy.
 - 5. Non-Corrosive Fasteners: As determined and provided by Enclosure Guy.
 - 6. Non-Corrosive Hardware: As determined and provided by Enclosure Guy.
 - a. Finish: **[Standard Clear Anodized Finish] [Optional Powder-Coated Finish from manufacturer's standard colors]**.
- b. Track and Trolley System: Traverse System operated by pulling the vinyl panels along galvanized tracks with nylon wheel carriers.
 - 1. Clear Vinyl Panels: 20-mil (weight: 1 oz. per square foot), Clear, UV/Fire/Mold Resistant, ASTM D 882 and ASTM D 1004.
 - 2. 80%-90% Vinyl Coated Woven Polyester Mesh Fabric: 18 oz.
 - 3. Suntex Coated Vinyl Polyester Fabric: 18 oz.
 - a. Trim provided at Top, Sides and Bottom
 - b. Color: **[As selected by Specifier from manufacturer's standard colors]**.
 - 4. Track System: Galvanized Track system determined and provided by Enclosure Guy.
 - 5. Non-corrosive Fasteners: As determined and provided by Enclosure Guy.
 - 6. Non-corrosive Hardware: As determined and provided by Enclosure Guy.

- a. Finish: **[Standard Clear Anodized Finish] [Optional Powder-Coated Finish from manufacturer's standard colors]**.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Prior to installation, all components shall be examined and inspected for any conditions that would adversely affect installation of the patio enclosure.
1. Contractor to confirm presence of acceptable framing members to match installation requirements of the patio enclosure.

3.2 FIELD DIMENSIONS

- A. Enclosure Guy shall field verify site conditions and dimensions at location to receive patio enclosure system prior to fabrication.

3.3 INSTALLATION

- A. The enclosure system shall be installed by the manufacturer, and in accordance with approved shop drawings and project drawings.
- B. Components shall be installed plumb and level, in proper plane, free from warp and twist.
- C. System shall be anchored to building components using recommended hardware as required and provided by the Manufacturer and as indicated on approved shop drawings. Adequate clearance shall be provided for movement caused by thermal expansion and contraction and wind loads.

3.4 CLEANING AND PROTECTION

- A. Cleaning: As recommended by manufacturer. Only use cleaning products as provided, or recommended by the manufacturer.
- B. Any damaged components of the enclosure system that cannot be repaired by field repair will be replaced.

END OF SECTION 13 34 13