

This section includes editing notes to assist the user in editing the section to suit project requirements. These notes are included as hidden text, and can be revealed or hidden by the following method in Microsoft Word:

Display the FILE tab on the ribbon, click OPTIONS, then DISPLAY. Select or deselect HIDDEN TEXT.

This guide specification section has been prepared by Plastpro, Inc. for use in the preparation of a project specification section covering fiberglass doors.

The following should be noted in using this specification:

Hypertext links to manufacturer websites are included after manufacturer names to assist in product selection and further research. Hypertext links are contained in blue, e.g.:

www.Plastproinc.com

Optional text requiring a selection by the user is enclosed within brackets and as red text, e.g.: AColor: [Red.] [Black.]"

Items requiring user input are enclosed within brackets and as red text, e.g.: "Section [_ _ _ - _ _ _]."

Optional paragraphs are separated by an "OR" statement included as red text, e.g.:

**** OR ****

For assistance in the use of products in this section, contact Plastpro, Inc. by calling 800-779-0561 or visit their website at www.Plastproinc.com.

This specification has been prepared based on *SimpleSpecs*™ specification templates. The *SimpleSpecs*™ Master Guide Specification system comprises a full architectural master specification that can be used to specify all project requirements. For additional information on S-Specs products visit the ZeroDocs.com website at www.zerodocs.com.

SECTION 08 16 13 – FIBERGLASS DOORS

PART 1 GENERAL

1.1 SUBMITTALS

- A. Action Submittals:
 1. Shop Drawings: Illustrate door locations, sizes, elevations, [glazed lites,] and preparation for hardware.
 2. Product Data: Manufacturer's descriptive data and product attributes.
 3. Samples:
 - a. 12 x 12 inch door corner samples.
 - b. [4 x 6] [12 x 12] inch door skin samples.
- B. Closeout Submittals:
 1. Maintenance Data.

1.2 QUALITY ASSURANCE

- A. Installer Qualifications: Minimum [2] [] years' experience in work of this Section.

1.3 WARRANTY

Refer to Plastpro, Inc. technical literature for assistance in specifying warranties.

- A. Doors: Manufacturer's [25 year] [limited lifetime] year warranty against defective materials and workmanship.
- B. Vision Panels: 10 years.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Contract Documents are based on products by Plastpro, Inc. www.Plastproinc.com
- B. Substitutions: [Refer to Division 01.] [Not permitted.]

2.2 FIBERGLASS DOORS

Refer to Plastpro, Inc. technical literature for assistance in selecting door series and style.

- A. Door Series: Limited.
 - 1. Finish: [Knotty Alder.] [Teak.]
 - 2. Style: [____.]**** OR ****

- B. Door Series: Modern.
 - 1. Finish: [Smooth.] [Oak.]
 - 2. Style: [____.]**** OR ****

- C. Door Series: Craftsman.
 - 1. Finish: [Smooth.] [Fir.]
 - 2. Style: [____.]**** OR ****

- D. Door Series: Rustic.
 - 1. Finish: Rustic.
 - 2. Style: [____.]**** OR ****

- E. Door Series: Mahogany.
 - 1. Finish: Mahogany.
 - 2. Style: [____.]**** OR ****

- F. Door Series: Oak.
 - 1. Finish: Oak.
 - 2. Style: [____.]**** OR ****

- G. Door Series: Smooth Skin.
1. Finish: Smooth.
 2. Style: [____.]

**** OR ****

- H. Door Series: White Oak.
1. Finish: White Oak.
 2. Style: [____.]

**** OR ****

- I. Door Series: Onelite.
1. Finish: [Smooth.] [Oak.]
 2. Style: [____.]

**** OR ****

- J. Door Series: Nova.
1. Finish: [Smooth.] [Fir.] [Brushed smooth.]
 2. Style: [____.]

- K. Door Construction:
1. Door skins: High impact compression molded reinforced fiberglass.
 2. Top and bottom rails: Composite material.
 3. Stiles: Composite material; full height of door.
 4. Lock block: Full height of door.
 5. Core: CFC-free polyurethane insulation.

8'-0" doors require steel reinforcing in addition to a full-height lock block.

6. Provide internal metal reinforcing on lock side of door.

Trimable doors may be cut up to 1 inch on each stile, 1/2 inch on top rail, and 1-1/2 inches on bottom rail to fit existing openings.

7. Trimable doors: Provide extended composite stiles and rails.

Refer to Plastpro, Inc. technical literature for assistance in specifying glazed lites.

- L. Glazed Lites:
1. Style: [____.]

Retain the following for glazed lites that come with caming.

2. Caming: [Wrought iron.] [Patina.] [Zinc.]
3. Door lite frames: [Wrought iron, powder coated.] [BTHP snap-on type with clips to secure glazing in place.] [Screw frame.] [Solution Doorlite Frame with zip type glass locking system.]

Retain any of the following paragraphs as project requirements dictate.

- M. Regulatory Requirements:
1. Wild Urban Interface: Listed by California Office of State Fire Marshal (OSFM) - Building Materials Listing Program (BML).
 2. Impact testing: Tested and approved to requirements of Florida Building Code (FBC) and Texas of Insurance (TDI).

Retain the following for fire-rated doors.

3. Fire rated doors: Comply with [NFPA 252] [UL 10C] [UL10C with hose stream test] [ASTM E2074] with [[20] [60] [90] minute] fire rating [as scheduled].
- N. Accessibility Requirements: Conform to [Americans with Disability Act.] [applicable accessibility code.] [____.]

Thermal ratings vary depending on the specific door chosen. Refer to Plastpro, Inc. technical literature for assistance in specifying thermal ratings.

- O. Thermal Requirements:
 1. U-factor: [____].
 2. Solar heat gain coefficient (SHGC): [____].

STC and OITC ratings vary depending on the specific door chosen. Refer to Plastpro, Inc. technical literature for assistance in specifying acoustical ratings.

- P. Acoustical Requirements: Tested to ASTM E90 or E2235 and classified to ASTM E413 or ASTM E1332.
 1. Sound transmission class (STC) rating: [____].
 2. Outdoor-indoor transmission class (OITC) rating: [____].
- Q. Volatile Organic Compound (VOC) content: Maximum 0.5 milligram per cubic meter, tested to CDPH/EHLB/Standard Method V1.1.

2.3 ACCESSORIES

- A. Rectangular Transoms:
 1. Style: [____].
 2. Caming: [Wrought iron.] [Bright zinc.] [Patina.]
- B. Door Frames:
 1. Product: Plastpro PF series, composite construction.
 2. Style: [____].
 3. Finish: [____].

Retain the following for stained doors.

- C. Stain: Plastpro Stain Kit, [Moroccan Red.] [Champagne.] [Blue Moon.] [[Mink.] [Mocha.] [Dark Chocolate Truffle.] [Black Caviar.]
- D. Door Hardware: Specified in Section [08 71 00 - Door Hardware.] [____ - ____].

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install in accordance with manufacturer's instructions [and approved Shop Drawings].
- B. Install door hardware as specified in Section [08 71 00.] [____].
- C. Apply stain in accordance with manufacturer's instructions.

**** OR ****

- D. Refer to Section [09 91 00] [____] for field-applied [stain] [painted] finish.

END OF SECTION