SECTION 08 13 00

STEEL ENTRY DOORS

Display hidden notes to specifier. (Don't know how? [Click Here](https://www.arcat.com/sd/display_hidden_notes.shtml))

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\*\* NOTE TO SPECIFIER \*\* Novatech Group; aluminum patio doors.  
This section is based on the products ofNovatech Group, which is located at:  
160 Murano  
Sainte-Julie, QC, Canada J3E 0C6  
Phone: 450-922-6106  
Fax: 450-922-9633  
Email: marketing@groupenovatech.com  
Web: [www.groupenovatech.com/en\_united\_states/](http://www.groupenovatech.com/en_united_states/)   
[Click Here] for additional information.  
In mid-December 2021, Sunview Patio Doors was acquired by the Novatech Group.  
The Novatech Group manufactures entrance doors, door glass, patio doors, retractable screens, and custom sealed glass. We offer patio doors well-known for the quality of their assembly. Whether your project demands PVC, aluminum, hybrid, or other types of patio doors, we have a wide range of architectural and residential products to choose from. The Novatech Group's development encompasses the pursuit of excellence, automation, and innovation at all levels of the company.

1. GENERAL
   1. SECTION INCLUDES

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

* + 1. Steel entry doors; insulated standard duty entry doors.
    2. Steel entry doors; insulated high performance heavy duty.
  1. RELATED SECTIONS

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

* + 1. Section 06 40 00 - Architectural Woodwork.
    2. Section 07 27 00 - Air Barriers.
    3. Section 07 91 23 - Backer Rods.
    4. Section 08 70 00 - Hardware.
    5. Section 08 83 13 - Mirrored Glass Glazing.
    6. Section 09 90 00 - Painting and Coating.
  1. REFERENCES

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

* + 1. Energy Star Requirements
  1. SUBMITTALS
     1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
     2. Product Data:
        1. Manufacturer's data sheets on each product to be used.
        2. Preparation instructions and recommendations.
        3. Storage and handling requirements and recommendations.
        4. Typical installation methods.

\*\* NOTE TO SPECIFIER \*\* Delete if not applicable to product type.

* + 1. Verification Samples: Two representative units of each type, size, pattern and color.
    2. Shop Drawings: Include details of materials, construction and finish. Include relationship with adjacent construction.
  1. QUALITY ASSURANCE
     1. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with a minimum five years documented experience.
     2. Installer Qualifications: Company specializing in performing Work of this section with minimum two years documented experience with projects of similar scope and complexity.
     3. Source Limitations: Provide each type of product from a single manufacturing source to ensure uniformity.

\*\* NOTE TO SPECIFIER \*\* Include mock-up if the project size or quality warrant the expense. The following is one example of how a mock-up might be specified. When deciding on the extent of the mock-up, consider all the major different types of work on the project.

* + 1. Mock-Up: Construct a mock-up with actual materials in sufficient time for Architect's review and to not delay construction progress. Locate mock-up as acceptable to Architect and provide temporary foundations and support.
       1. Intent of mock-up is to demonstrate quality of workmanship and visual appearance.
       2. If mock-up is not acceptable, rebuild mock-up until satisfactory results are achieved.
       3. Retain mock-up during construction as a standard for comparison with completed work.
       4. Do not alter or remove mock-up until work is completed or removal is authorized.
  1. PRE-INSTALLATION CONFERENCE
     1. Convene a conference approximately two weeks before scheduled commencement of the Work. Attendees shall include Architect, Contractor and trades involved. Agenda shall include schedule, responsibilities, critical path items and approvals.
  2. DELIVERY, STORAGE, AND HANDLING
     1. Store and handle in strict compliance with manufacturer's written instructions and recommendations.
     2. Protect from damage due to weather, excessive temperature, and construction operations.
  3. 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 recommended limits.
  4. WARRANTY
     1. Manufacturer's standard limited warranty unless indicated otherwise.

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: Novatech Group, which is located at:160 MuranoSainte-Julie, QC, Canada J3E 0C6Tel: 450-922-6106Fax: 450-922-9633Email: [request info (marketing@groupenovatech.com)](https://arcat.com/rfi?action=email&company=Novatech%252BGroup&message=RE%253A%2520Spec%2520Question%2520(08130sun)%253A%2520&coid=51586&spec=08130sun&rep=&fax=450-922-9633);Web: <https://www.groupenovatech.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 01 60 00 - Product Requirements.

\*\* NOTE TO SPECIFIER \*\* Delete article if not required or delete models not required.

* 1. STEEL ENTRY DOORS, NOVATECH HIGH PERFORMANCE (NHP) DOOR SYSTEMS
     1. Model: Soho as manufactured by Novatech.
        1. Configuration: Left or right.
        2. Construction Type: NHP. High performance system. (Heavy duty) Rebated door.
        3. Materials:
           1. White Polytex Steel: 30 percent thicker than a standard door.
           2. Insulation: Urethane. HCFC Free. R-Value per ASTM C518: ???
        4. Door Thickness: 2-1/4 inches ( mm).
        5. Dual Weather Strips: Air and water.
           1. Air Weatherstrip: Surrounds entire panel in a single unbroken loop.
        6. Seal: Located on the outside face of the door.
        7. Hardware: installed on warm side of door; facility interior.
           1. North American Hardware: Extension kit required due to door thickness.
           2. Backset: 2-3/4 inches ( mm).

\*\* NOTE TO SPECIFIER \*\* The closer and panic hardware are options. Delete options not required.

* + - * 1. Closer.
        2. Panic (emergency exit) hardware assembly.
      1. Stiles: PVC clad wood. No exposed wood.
      2. Sweep: PVC. Anodized aluminum cladding.
      3. Compatible with Standard Entry Door Frames: Frame adaptor kit required.
      4. ENERGY STAR 2020: Meets requirements. Door glass can be up to 22 x 64 inches (559 x 1626 mm).

\*\* NOTE TO SPECIFIER \*\* Delete door glass paragraph if not required.

* + - 1. Door Glass:

\*\* NOTE TO SPECIFIER \*\* Delete glass option not required.

* + - * 1. Triple-Pane Insulated Door Glass: 1-1/2 inch (38 mm) thick.
        2. Double-Pane Insulated Door Glass: 1 inch (25 mm) door glass.

Door Glass Spacer: For 1 inch (25 mm) door glass.

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required.

* + - 1. Door Dimensions (W x H): 31-3/4 x 80 inches (857 x 2007 mm).
      2. Door Dimensions (W x H): 33-3/4 x 80 inches (857 x 2007 mm).
      3. Door Dimensions (W x H): 35-3/4 x 80 inches (908 x 2007 mm).
    1. Model: Victoria Shaker as manufactured by Novatech.
       1. Configuration: Left or right.
       2. Construction Type: NHP. High performance system. (Heavy duty) Rebated door.
       3. Materials:
          1. White Polytex Steel: 30 percent thicker than a standard door.
          2. Insulation: Urethane. HCFC Free. R-Value per ASTM C518: ???
       4. Door Thickness: 2-1/4 inches ( mm).
       5. Dual Weather Strips: Air and water.
          1. Air Weatherstrip: Surrounds entire panel in a single unbroken loop.
       6. Seal: Located on the outside face of the door.
       7. Hardware: installed on warm side of door; facility interior.
          1. North American Hardware: Extension kit required due to door thickness.
          2. Backset: 2-3/4 inches ( mm).

\*\* NOTE TO SPECIFIER \*\* The closer, panic hardware, and shelf are options. Delete options not required.

* + - * 1. Closer.
        2. Panic (emergency exit) hardware assembly.
        3. Decorative Shelf: Below the door glass.
      1. Stiles: PVC clad wood. No exposed wood.
      2. Sweep: PVC. Anodized aluminum cladding.
      3. Compatible with Standard Entry Door Frames: Frame adaptor kit required.
      4. ENERGY STAR 2020: Meets requirements. Door glass can be up to 22 x 64 inches (559 x 1626 mm).

\*\* NOTE TO SPECIFIER \*\* Delete door glass paragraph if not required.

* + - 1. Door Glass:

\*\* NOTE TO SPECIFIER \*\* Delete glass option not required.

* + - * 1. Triple-Pane Insulated Door Glass: 1-1/2 inch (38 mm) thick.
        2. Double-Pane Insulated Door Glass: 1 inch (25 mm) door glass.

Door Glass Spacer: For 1 inch (25 mm) door glass.

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required.

* + - 1. Door Dimensions (W x H): 31-3/4 x 80 inches (857 x 2007 mm).
      2. Door Dimensions (W x H): 33-3/4 x 80 inches (857 x 2007 mm).
      3. Door Dimensions (W x H): 35-3/4 x 80 inches (908 x 2007 mm).
    1. Model: Uno as manufactured by Novatech.
       1. Configuration: Left or right.
       2. Construction Type: NHP. High performance system. (Heavy duty) Rebated door.
       3. Materials:
          1. White Polytex Steel: 30 percent thicker than a standard door.
          2. Insulation: Urethane. HCFC Free. R-Value per ASTM C518: ???
       4. Door Thickness: 2-1/4 inches ( mm).
       5. Dual Weather Strips: Air and water.
          1. Air Weatherstrip: Surrounds entire panel in a single unbroken loop.
       6. Seal: Located on the outside face of the door.
       7. Hardware: installed on warm side of door; facility interior.
          1. North American Hardware: Extension kit required due to door thickness.
          2. Backset: 2-3/4 inches ( mm).

\*\* NOTE TO SPECIFIER \*\* The closer and panic hardware are options. Delete options not required.

* + - * 1. Closer.
        2. Panic (emergency exit) hardware assembly.
      1. Stiles: PVC clad wood. No exposed wood.
      2. Sweep: PVC. Anodized aluminum cladding.
      3. Compatible with Standard Entry Door Frames: Frame adaptor kit required.
      4. ENERGY STAR 2020: Meets requirements. Door glass can be up to 22 x 64 inches (559 x 1626 mm).

\*\* NOTE TO SPECIFIER \*\* Delete door glass paragraph if not required.

* + - 1. Door Glass:

\*\* NOTE TO SPECIFIER \*\* Delete glass option not required.

* + - * 1. Triple-Pane Insulated Door Glass: 1-1/2 inch (38 mm) thick.
        2. Double-Pane Insulated Door Glass: 1 inch (25 mm) door glass.

Door Glass Spacer: For 1 inch (25 mm) door glass.

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required.

* + - 1. Door Dimensions (W x H): 31-3/4 x 80 inches (857 x 2007 mm).
      2. Door Dimensions (W x H): 33-3/4 x 80 inches (857 x 2007 mm).
      3. Door Dimensions (W x H): 35-3/4 x 80 inches (908 x 2007 mm).
    1. Model: Orleans as manufactured by Novatech.
       1. Configuration: Left or right.
       2. Construction Type: NHP. High performance system. (Heavy duty) Rebated door.
       3. Materials:
          1. White Polytex Steel: 30 percent thicker than a standard door.
          2. Insulation: Urethane. HCFC Free. R-Value per ASTM C518: ???
       4. Door Thickness: 2-1/4 inches ( mm).
       5. Dual Weather Strips: Air and water.
          1. Air Weatherstrip: Surrounds entire panel in a single unbroken loop.
       6. Seal: Located on the outside face of the door.
       7. Hardware: installed on warm side of door; facility interior.
          1. North American Hardware: Extension kit required due to door thickness.
          2. Backset: 2-3/4 inches ( mm).

\*\* NOTE TO SPECIFIER \*\* The closer, panic hardware, and molding are options. Delete options not required.

* + - * 1. Closer.
        2. Panic (emergency exit) hardware assembly.
        3. Prestige Molding: High-profile aluminum trim.
      1. Stiles: PVC clad wood. No exposed wood.
      2. Sweep: PVC. Anodized aluminum cladding.
      3. Compatible with Standard Entry Door Frames: Frame adaptor kit required.
      4. ENERGY STAR 2020: Meets requirements. Door glass can be up to 22 x 64 inches (559 x 1626 mm).

\*\* NOTE TO SPECIFIER \*\* Delete door glass paragraph if not required.

* + - 1. Door Glass:

\*\* NOTE TO SPECIFIER \*\* Delete glass option not required.

* + - * 1. Triple-Pane Insulated Door Glass: 1-1/2 inch (38 mm) thick.
        2. Double-Pane Insulated Door Glass: 1 inch (25 mm) door glass.

Door Glass Spacer: For 1 inch (25 mm) door glass.

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required.

* + - 1. Door Dimensions (W x H): 31-3/4 x 80 inches (857 x 2007 mm).
      2. Door Dimensions (W x H): 33-3/4 x 80 inches (857 x 2007 mm).
      3. Door Dimensions (W x H): 35-3/4 x 80 inches (908 x 2007 mm).
    1. Model: Vog as manufactured by Novatech.
       1. Configuration: Left or right.
       2. Construction Type: NHP. High performance system. (Heavy duty) Rebated door.
       3. Materials:
          1. White Polytex Steel: 30 percent thicker than a standard door.
          2. Insulation: Urethane. HCFC Free. R-Value per ASTM C518: ???
       4. Door Thickness: 2-1/4 inches ( mm).
       5. Dual Weather Strips: Air and water.
          1. Air Weatherstrip: Surrounds entire panel in a single unbroken loop.
       6. Seal: Located on the outside face of the door.
       7. Hardware: installed on warm side of door; facility interior.
          1. North American Hardware: Extension kit required due to door thickness.
          2. Backset: 2-3/4 inches ( mm).

\*\* NOTE TO SPECIFIER \*\* The closer and panic hardware are options. Delete options not required.

* + - * 1. Closer.
        2. Panic (emergency exit) hardware assembly.
      1. Stiles: PVC clad wood. No exposed wood.
      2. Sweep: PVC. Anodized aluminum cladding.
      3. Compatible with Standard Entry Door Frames: Frame adaptor kit required.
      4. ENERGY STAR 2020: Meets requirements. Door glass can be up to 22 x 64 inches (559 x 1626 mm).

\*\* NOTE TO SPECIFIER \*\* Delete door glass paragraph if not required.

* + - 1. Door Glass:

\*\* NOTE TO SPECIFIER \*\* Delete glass option not required.

* + - * 1. Triple-Pane Insulated Door Glass: 1-1/2 inch (38 mm) thick.
        2. Double-Pane Insulated Door Glass: 1 inch (25 mm) door glass.

Door Glass Spacer: For 1 inch (25 mm) door glass.

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required.

* + - 1. Door Dimensions (W x H): 31-3/4 x 80 inches (857 x 2007 mm).
      2. Door Dimensions (W x H): 33-3/4 x 80 inches (857 x 2007 mm).
      3. Door Dimensions (W x H): 35-3/4 x 80 inches (908 x 2007 mm).
    1. Model: London as manufactured by Novatech.
       1. Configuration: Left or right.
       2. Construction Type: NHP. High performance system. (Heavy duty) Rebated door.
       3. Materials:
          1. White Polytex Steel: 30 percent thicker than a standard door.
          2. Insulation: Urethane. HCFC Free. R-Value per ASTM C518: ???
       4. Door Thickness: 2-1/4 inches ( mm).
       5. Dual Weather Strips: Air and water.
          1. Air Weatherstrip: Surrounds entire panel in a single unbroken loop.
       6. Seal: Located on the outside face of the door.
       7. Hardware: installed on warm side of door; facility interior.
          1. North American Hardware: Extension kit required due to door thickness.
          2. Backset: 2-3/4 inches ( mm).

\*\* NOTE TO SPECIFIER \*\* The closer and panic hardware are options. Delete options not required.

* + - * 1. Closer.
        2. Panic (emergency exit) hardware assembly.
      1. Stiles: PVC clad wood. No exposed wood.
      2. Sweep: PVC. Anodized aluminum cladding.
      3. Compatible with Standard Entry Door Frames: Frame adaptor kit required.
      4. ENERGY STAR 2020: Meets requirements. Door glass can be up to 22 x 64 inches (559 x 1626 mm).

\*\* NOTE TO SPECIFIER \*\* Delete door glass paragraph if not required.

* + - 1. Door Glass:

\*\* NOTE TO SPECIFIER \*\* Delete glass option if not required.

* + - * 1. Triple-Pane Insulated Door Glass: 1-1/2 inch (38 mm) thick.
        2. Double-Pane Insulated Door Glass: 1 inch (25 mm) door glass.

Door Glass Spacer: For 1 inch (25 mm) door glass.

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required.

* + - 1. Door Dimensions (W x H): 31-3/4 x 80 inches (857 x 2007 mm).
      2. Door Dimensions (W x H): 33-3/4 x 80 inches (857 x 2007 mm).
      3. Door Dimensions (W x H): 35-3/4 x 80 inches (908 x 2007 mm).
    1. Performance and Design Requirements: Entry door energy efficiency:

\*\* NOTE TO SPECIFIER \*\* Delete either if the two following paragraphs if both are not required.

* + - 1. Flush or Embossed Doors Without Windows:
         1. U Imp: 0.14. U Met: 0.79.
         2. SHGC: 0.01.
         3. VT: 0.00.
         4. RSI: 1.258.
         5. Actual zone: A, B, C, D.
         6. Zone at 02-2015: 1-2-3. Zone at 02-2016: 1-2-3.
      2. Side Flush or Embossed Without Window:
         1. U Imp: 0.15. U Met: 0.85.
         2. SHGC: 0.01.
         3. VT: 0.00.
         4. RSI: 1.174.
         5. Actual zone: A, B, C, D.
         6. Zone at 02-2015: 1-2-3. Zone at 02-2016: 1-2-3.

\*\* NOTE TO SPECIFIER \*\* Delete article if not required or delete models not required.

* 1. STEEL ENTRY DOORS NOVATECH DOOR SYSTEMS

\*\* NOTE TO SPECIFIER \*\* Delete entry door model options not required.

* + 1. Entry Door Model: Era as manufactured by Novatech. Asymmetrical composition leaves room for a pull bar or a 7 x 64 inch door lite.

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required. Height can be 70 to 79 inches. 79 inch is standard.

* + - 1. Width x Height: 31-3/4 x 79 inches (806 x 2007 mm).
      2. Width x Height: 33-3/4 x 79 inches (857 x 2007 mm).
      3. Width x Height: 35-3/4 x 79 inches (908 x 2007 mm).
      4. Width x Height: \_\_\_\_ x \_\_\_\_ inches (\_\_\_\_ x \_\_\_\_ mm).
      5. Material: Steel. 0.028 inch (0711 mm) thick steel.

\*\* NOTE TO SPECIFIER \*\* Delete construction type options not required.

* + - 1. Construction Type: N600. Regular construction (Solid), White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* Fire rating is optional for doors no larger than 36 x 80 inches without door glass. Delete if not required.

* + - * 1. Fire Rating: 20 minutes.
      1. Construction Type: N700. Regular construction + vinyl cap (Very Solid), White Polytex Steel.
      2. Construction Type: N900. Reinforced construction + vinyl cap option (Heavy duty), Multipoint compatible, White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* The following two items are optional. Delete options not required.

* + - 1. Door closer.
      2. Panic hardware for emergency exit.
    1. Entry Door Model: Tao as manufactured by Novatech.

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required. Maximum non-standard dimensions for custom order: 33 3/4 or 35 3/4 x 70 or 79 inches

* + - 1. Width x Height: 33-3/4 x 79 inches (857 x 2007 mm).
      2. Width x Height: 35-3/4 x 79 inches (908 x 2007 mm).
      3. Width x Height: 33-3/4 x 84 inches (857 x 2134 mm).
      4. Width x Height: 35-3/4 x 84 inches (908 x 2134 mm).
      5. Width x Height: 33-3/4 x 95 inches (857 x 2413 mm).
      6. Width x Height: 35-3/4 x 95 inches (908 x 2413 mm).
      7. Width x Height: \_\_\_\_ x \_\_\_\_ inches (\_\_\_\_ x \_\_\_\_ mm).
      8. Material: Steel. 0.028 inch (0711 mm) thick steel.

\*\* NOTE TO SPECIFIER \*\* Delete construction type options not required.

* + - 1. Construction Type: N600. Regular construction (Solid), White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* Fire rating is optional for doors no larger than 36 x 80 inches without door glass. Delete if not required.

* + - * 1. Fire Rating: 20 minutes.
      1. Construction Type: N700. Regular construction + vinyl cap (Very Solid), White Polytex Steel.
      2. Construction Type: N900. Reinforced construction + vinyl cap option (Heavy duty), Multipoint compatible, White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* The following two items are optional. Delete options not required.

* + - * 1. Door closer.
        2. Panic hardware for emergency exit.
    1. Entry Door Model: Vog.

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required. Maximum non-standard dimensions for custom order: 33 3/4 or 35 3/4 x 70 or 79 inches

* + - 1. Width x Height: 33-3/4 x 79 inches (857 x 2007 mm).
      2. Width x Height: 35-3/4 x 79 inches (908 x 2007 mm).
      3. Width x Height: 33-3/4 x 84 inches (857 x 2134 mm).
      4. Width x Height: 35-3/4 x 84 inches (908 x 2134 mm).
      5. Width x Height: 33-3/4 x 95 inches (857 x 2413 mm).
      6. Width x Height: 35-3/4 x 95 inches (908 x 2413 mm).
      7. Width x Height: \_\_\_\_ x \_\_\_\_ inches (\_\_\_\_ x \_\_\_\_ mm).
      8. Material: Steel. 0.028 inch (0711 mm) thick steel.

\*\* NOTE TO SPECIFIER \*\* Delete construction type options not required.

* + - 1. Construction Type: N600. Regular construction (Solid), White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* Fire rating is optional for doors no larger than 36 x 80 inches without door glass. Delete if not required.

* + - * 1. Fire Rating: 20 minutes.
      1. Construction Type: N700. Regular construction + vinyl cap (Very Solid), White Polytex Steel.
      2. Construction Type: N900. Reinforced construction + vinyl cap option (Heavy duty), Multipoint compatible, White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* The following two items are optional. Delete options not required.

* + - 1. Door closer.
      2. Panic hardware for emergency exit.
    1. Entry Door Model: Victoria Shaker.

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required. Maximum non-standard dimensions for custom order: 31-3/4 or 35-3/4 x 72 to 84 inches

* + - 1. Width x Height: 31-3/4 x 79 inches (806 x 2007 mm).
      2. Width x Height: 33-3/4 x 79 inches (857 x 2007 mm).
      3. Width x Height: 35-3/4 x 79 inches (908 x 2007 mm).
      4. Width x Height: 31-3/4 x 84 inches (806 x 2134 mm).
      5. Width x Height: 33-3/4 x 84 inches (857 x 2134 mm).
      6. Width x Height: 35-3/4 x 84 inches (908 x 2134 mm).
      7. Width x Height: \_\_\_\_ x \_\_\_\_ inches (\_\_\_\_ x \_\_\_\_ mm).
      8. Material: Steel. 0.028 inch (0711 mm) thick steel.

\*\* NOTE TO SPECIFIER \*\* Delete construction type options not required.

* + - 1. Construction Type: N600. Regular construction (Solid), White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* Fire rating is optional for doors no larger than 36 x 80 inches without door glass. Delete if not required.

* + - * 1. Fire Rating: 20 minutes.
      1. Construction Type: N700. Regular construction + vinyl cap (Very Solid), White Polytex Steel.
      2. Construction Type: N900. Reinforced construction + vinyl cap option (Heavy duty), Multipoint compatible, White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* The following two items are optional. Delete options not required.

* + - 1. Door closer.
      2. Panic hardware for emergency exit.
      3. Decorative Shelf: Below door glass.
    1. Entry Door Model: Soho.

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required. Maximum non-standard dimensions for custom order: 31 3/4 or 35 3/4 x 72 to 95 inches

* + - 1. Width x Height: 31-3/4 x 79 inches (806 x 2007 mm).
      2. Width x Height: 33-3/4 x 79 inches (857 x 2007 mm).
      3. Width x Height: 35-3/4 x 79 inches (908 x 2007 mm).
      4. Width x Height: 31-3/4 x 84 inches (806 x 2134 mm).
      5. Width x Height: 33-3/4 x 84 inches (857 x 2134 mm).
      6. Width x Height: 35-3/4 x 84 inches (908 x 2134 mm).
      7. Width x Height: 31-3/4 x 95 inches (806 x 2413 mm).
      8. Width x Height: 33-3/4 x 95 inches (857 x 2413 mm).
      9. Width x Height: 35-3/4 x 95 inches (908 x 2413 mm).
      10. Width x Height: \_\_\_\_ x \_\_\_\_ inches (\_\_\_\_ x \_\_\_\_ mm).
      11. Material: Steel. 0.028 inch (0711 mm) thick steel.

\*\* NOTE TO SPECIFIER \*\* Delete construction type options not required.

* + - 1. Construction Type: N600. Regular construction (Solid), White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* Fire rating is optional for doors no larger than 36 x 80 inches without door glass. Delete if not required.

* + - * 1. Fire Rating: 20 minutes.
      1. Construction Type: N700. Regular construction + vinyl cap (Very Solid), White Polytex Steel.
      2. Construction Type: N900. Reinforced construction + vinyl cap option (Heavy duty), Multipoint compatible, White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* The following two items are optional. Delete options not required.

* + - 1. Door closer.
      2. Panic hardware for emergency exit.
    1. Entry Door Model: Orleans.
       1. Standard Dimensions:

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required. Maximum non-standard dimensions for custom order: 31 3/4 or 35 3/4 x 72 to 84 inches

* + - 1. Width x Height: 31-3/4 x 79 inches (806 x 2007 mm).
      2. Width x Height: 33-3/4 x 79 inches (857 x 2007 mm).
      3. Width x Height: 35-3/4 x 79 inches (908 x 2007 mm).
      4. Width x Height: 31-3/4 x 84 inches (806 x 2134 mm).
      5. Width x Height: 33-3/4 x 84 inches (857 x 2134 mm).
      6. Width x Height: 35-3/4 x 84 inches (908 x 2134 mm).
      7. Width x Height: 31-3/4 x 95 inches (806 x 2413 mm).
      8. Width x Height: 33-3/4 x 95 inches (857 x 2413 mm).
      9. Width x Height: 35-3/4 x 95 inches (908 x 2413 mm).
      10. Width x Height: \_\_\_\_ x \_\_\_\_ inches (\_\_\_\_ x \_\_\_\_ mm).
      11. Material: Steel. 0.028 inch (0711 mm) thick steel.

\*\* NOTE TO SPECIFIER \*\* Delete construction type options not required.

* + - 1. Construction Type: N600. Regular construction (Solid), White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* Fire rating is optional for doors no larger than 36 x 80 inches without door glass. Delete if not required.

* + - * 1. Fire Rating: 20 minutes.
      1. Construction Type: N700. Regular construction + vinyl cap (Very Solid), White Polytex Steel.
      2. Construction Type: N900. Reinforced construction + vinyl cap option (Heavy duty), Multipoint compatible, White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* The following two items are optional. Delete options not required.

* + - 1. Door closer.
      2. Panic hardware for emergency exit.
      3. Prestige Moulding: High-profile aluminum trim.
    1. Entry Door Model: Linea.

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required. Maximum non-standard dimensions for custom order: 31 3/4 or 35 3/4 x 75 to 84 inches

* + - 1. Width x Height: 31-3/4 x 79 inches (806 x 2007 mm).
      2. Width x Height: 33-3/4 x 79 inches (857 x 2007 mm).
      3. Width x Height: 35-3/4 x 79 inches (908 x 2007 mm).
      4. Width x Height: \_\_\_\_ x \_\_\_\_ inches (\_\_\_\_ x \_\_\_\_ mm).
      5. Material: Steel. 0.028 inch (0711 mm) thick steel.

\*\* NOTE TO SPECIFIER \*\* Delete construction type options not required.

* + - 1. Construction Type: N600. Regular construction (Solid), White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* Fire rating is optional for doors no larger than 36 x 80 inches without door glass. Delete if not required.

* + - * 1. Fire Rating: 20 minutes.
      1. Construction Type: N700. Regular construction + vinyl cap (Very Solid), White Polytex Steel.
      2. Construction Type: N900. Reinforced construction + vinyl cap option (Heavy duty), Multipoint compatible, White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* The following two items are optional. Delete options not required.

* + - 1. Door closer.
      2. Panic hardware for emergency exit.
    1. Entry Door Model: Sydney.

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required. Maximum non-standard dimensions for custom order: 31 3/4 or 35 3/4 x 72 to 84 inches

* + - 1. Width x Height: 31-3/4 x 79 inches (806 x 2007 mm).
      2. Width x Height: 33-3/4 x 79 inches (857 x 2007 mm).
      3. Width x Height: 35-3/4 x 79 inches (908 x 2007 mm).
      4. Width x Height: 31-3/4 x 84 inches (806 x 2134 mm).
      5. Width x Height: 33-3/4 x 84 inches (857 x 2134 mm).
      6. Width x Height: 35-3/4 x 84 inches (908 x 2134 mm).
      7. Width x Height: \_\_\_\_ x \_\_\_\_ inches (\_\_\_\_ x \_\_\_\_ mm).
      8. Material: Steel. 0.028 inch (0711 mm) thick steel.

\*\* NOTE TO SPECIFIER \*\* Delete construction type options not required.

* + - 1. Construction Type: N600. Regular construction (Solid), White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* Fire rating is optional for doors no larger than 36 x 80 inches without door glass. Delete if not required.

* + - * 1. Fire Rating: 20 minutes.
      1. Construction Type: N700. Regular construction + vinyl cap (Very Solid), White Polytex Steel.
      2. Construction Type: N900. Reinforced construction + vinyl cap option (Heavy duty), Multipoint compatible, White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* The following two items are optional. Delete options not required.

* + - 1. Door closer.
      2. Panic hardware for emergency exit.
      3. Prestige Molding: High-profile aluminum trim.
    1. Entry Door Model: Oso.

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required. Maximum non-standard dimensions for custom order: 33 3/4 or 35 3/4 x 72 to 79 inches

* + - 1. Width x Height: 33-3/4 x 79 inches (857 x 2007 mm).
      2. Width x Height: 35-3/4 x 79 inches (908 x 2007 mm).
      3. Width x Height: \_\_\_\_ x \_\_\_\_ inches (\_\_\_\_ x \_\_\_\_ mm).
      4. Material: Steel. 0.028 inch (0711 mm) thick steel.

\*\* NOTE TO SPECIFIER \*\* Delete construction type options not required.

* + - 1. Construction Type: N600. Regular construction (Solid), White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* Fire rating is optional for doors no larger than 36 x 80 inches without door glass. Delete if not required.

* + - * 1. Fire Rating: 20 minutes.
      1. Construction Type: N700. Regular construction + vinyl cap (Very Solid), White Polytex Steel.
      2. Construction Type: N900. Reinforced construction + vinyl cap option (Heavy duty), Multipoint compatible, White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* The following two items are optional. Delete options not required.

* + - 1. Door closer.
      2. Panic hardware for emergency exit.
    1. Entry Door Model: London.

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required. Maximum non-standard dimensions for custom order: 31 3/4 or 35 3/4 x 72 to 84 inches

* + - 1. Width x Height: 31-3/4 x 79 inches (806 x 2007 mm).
      2. Width x Height: 33-3/4 x 79 inches (857 x 2007 mm).
      3. Width x Height: 35-3/4 x 79 inches (908 x 2007 mm).
      4. Width x Height: 31-3/4 x 84 inches (806 x 2134 mm).
      5. Width x Height: 33-3/4 x 84 inches (857 x 2134 mm).
      6. Width x Height: 35-3/4 x 84 inches (908 x 2134 mm).
      7. Width x Height: \_\_\_\_ x \_\_\_\_ inches (\_\_\_\_ x \_\_\_\_ mm).
      8. Material: Steel. 0.028 inch (0711 mm) thick steel.

\*\* NOTE TO SPECIFIER \*\* Delete construction type options not required.

* + - 1. Construction Type: N600. Regular construction (Solid), White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* Fire rating is optional for doors no larger than 36 x 80 inches without door glass. Delete if not required.

* + - * 1. Fire Rating: 20 minutes.
      1. Construction Type: N700. Regular construction + vinyl cap (Very Solid), White Polytex Steel.
      2. Construction Type: N900. Reinforced construction + vinyl cap option (Heavy duty), Multipoint compatible, White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* The following two items are optional. Delete options not required.

* + - 1. Door closer.
      2. Panic hardware for emergency exit.
      3. Prestige Molding: High-profile aluminum trim.
    1. Entry Door Model: Uno.

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required. Maximum non-standard dimensions for custom order: 11-7/8 to 35 3/4 x 72 to 84 inches, or 84 to 95 inches, or 70 to 95 inches

* + - 1. Width x Height: 27-3/4 x 79 inches (705 x 2007 mm).
      2. Width x Height: 29-3/4 x 79 inches (756 x 2007 mm).
      3. Width x Height: 31-3/4 x 79 inches (806 x 2007 mm).
      4. Width x Height: 33-3/4 x 79 inches (857 x 2007 mm).
      5. Width x Height: 35-3/4 x 79 inches (908 x 2007 mm).
      6. Width x Height: 41-3/4 x 79 inches (106 x 2007 mm).
      7. Width x Height: 31-3/4 x 84 inches (806 x 2134 mm).
      8. Width x Height: 33-3/4 x 84 inches (857 x 2134 mm).
      9. Width x Height: 35-3/4 x 84 inches (908 x 2134 mm).
      10. Width x Height: 31-3/4 x 95 inches (806 x 2413 mm).
      11. Width x Height: 33-3/4 x 95 inches (857 x 2413 mm).
      12. Width x Height: 35-3/4 x 95 inches (908 x 2413 mm).
      13. Width x Height: \_\_\_\_ x \_\_\_\_ inches (\_\_\_\_ x \_\_\_\_ mm).
      14. Material: Steel. 0.028 inch (0711 mm) thick steel.

\*\* NOTE TO SPECIFIER \*\* Delete construction type options not required.

* + - 1. Construction Type: N300: Regular construction (Solid), White Pre-painted Steel

\*\* NOTE TO SPECIFIER \*\* Fire rating is optional for doors no larger than 36 x 80 inches without door glass and apply to N300 and N600 only. Delete if not required.

* + - * 1. Fire Rating: 20 minutes.
      1. Construction Type: N600: Regular construction (Solid), White Polytex Steel.
         1. Fire Rating: 20 minutes.
      2. Construction Type: N700: Regular construction + vinyl cap (Very Solid), White Polytex Steel.
      3. Construction Type: N900: Reinforced construction + vinyl cap option (Heavy duty), Multipoint compatible, White Polytex Steel.
      4. Construction Type: NHP: High performance system. (Heavy duty) Rebated door 2.25 inches (57 mm) with air weatherstrip surrounding the entire panel. White Polytex Steel 30 percent more thick.

\*\* NOTE TO SPECIFIER \*\* The following three items are optional. Delete options not required.

* + - 1. Door closer.
      2. Panic hardware for emergency exit.
      3. Prestige Molding: High-profile aluminum trim.
    1. Entry Door Model: 6 Panel. Panel configuration allows a range of window cutouts: 7x64, 22X36, 12X12, 12x9, or no window at all.

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required. Maximum non-standard dimensions for custom order: 27-3/4 to 35 3/4 x 72 to 84 inches.

* + - 1. Width x Height: 27-3/4 x 79 inches (705 x 2007 mm).
      2. Width x Height: 29-3/4 x 79 inches (756 x 2007 mm).
      3. Width x Height: 31-3/4 x 79 inches (806 x 2007 mm).
      4. Width x Height: 33-3/4 x 79 inches (857 x 2007 mm).
      5. Width x Height: 35-3/4 x 79 inches (908 x 2007 mm).
      6. Width x Height: 41-3/4 x 79 inches (106 x 2007 mm).
      7. Width x Height: 31-3/4 x 84 inches (806 x 2134 mm).
      8. Width x Height: 33-3/4 x 84 inches (857 x 2134 mm).
      9. Width x Height: 35-3/4 x 84 inches (908 x 2134 mm).
      10. Width x Height: \_\_\_\_ x \_\_\_\_ inches (\_\_\_\_ x \_\_\_\_ mm).
      11. Material: Steel. 0.028 inch (0711 mm) thick steel.

\*\* NOTE TO SPECIFIER \*\* Delete construction type options not required.

* + - 1. Construction Type: N300: Regular construction (Solid), White Pre-painted Steel

\*\* NOTE TO SPECIFIER \*\* Fire rating is optional for doors no larger than 36 x 80 inches without door glass and apply to N300 and N600 only. Delete if not required.

* + - * 1. Fire Rating: 20 minutes.
      1. Construction Type: N600: Regular construction (Solid), White Polytex Steel.
         1. Fire Rating: 20 minutes.
      2. Construction Type: N700: Regular construction + vinyl cap (Very Solid), White Polytex Steel.
      3. Construction Type: N900: Reinforced construction + vinyl cap option (Heavy duty), Multipoint compatible, White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* The following three items are optional. Delete options not required.

* + - 1. Door closer.
      2. Panic hardware for emergency exit.
      3. Prestige Molding: High-profile aluminum trim.
    1. Entry Door Model: 4 Panel. Well suited to windowed uses and it can accommodate five sizes of door glass: 22 x 9, 22 x 9 planked, 22 x 36, 8 x 36 and half-moon.

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required.

* + - 1. Width x Height: 31-3/4 x 79 inches (806 x 2007 mm).
      2. Width x Height: 33-3/4 x 79 inches (857 x 2007 mm).
      3. Width x Height: 35-3/4 x 79 inches (908 x 2007 mm).
      4. Material: Steel. 0.028 inch (0711 mm) thick steel.

\*\* NOTE TO SPECIFIER \*\* Delete construction type options not required.

* + - 1. Construction Type: N300: Regular construction (Solid), White Pre-painted Steel

\*\* NOTE TO SPECIFIER \*\* Fire rating is optional for doors no larger than 36 x 80 inches without door glass and apply to N300 and N600 only. Delete if not required.

* + - * 1. Fire Rating: 20 minutes.
      1. Construction Type: N600: Regular construction (Solid), White Polytex Steel.
         1. Fire Rating: 20 minutes.
      2. Construction Type: N700: Regular construction + vinyl cap (Very Solid), White Polytex Steel.
      3. Construction Type: N900: Reinforced construction + vinyl cap option (Heavy duty), Multipoint compatible, White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* Sides are optional. Delete options not required.

* + - 1. Sides
    1. Entry Door Model: 2 Panel Planked Camber Top. Rustic-looking planks. Country-style door can be left solid or given a camber or straight top cutout.

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required. Maximum non-standard dimensions for custom order: 29-3/4 to 35 3/4 x 72 to 79 inches.

* + - 1. Width x Height: 33-3/4 x 79 inches (857 x 2007 mm).
      2. Width x Height: 35-3/4 x 79 inches (908 x 2007 mm).
      3. Width x Height: \_\_\_\_ x \_\_\_\_ inches (\_\_\_\_ x \_\_\_\_ mm).
      4. Material: Steel. 0.028 inch (0711 mm) thick steel.

\*\* NOTE TO SPECIFIER \*\* Delete construction type options not required.

* + - 1. Construction Type: N600: Regular construction (Solid), White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* Fire rating is optional for doors no larger than 36 x 80 inches without door glass and apply to N300 and N600 only. Delete if not required.

* + - * 1. Fire Rating: 20 minutes.
      1. Construction Type: N700: Regular construction + vinyl cap (Very Solid), White Polytex Steel.
      2. Construction Type: N900: Reinforced construction + vinyl cap option (Heavy duty), Multipoint compatible, White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* The following two items are optional. Delete options not required.

* + - 1. Door closer.
      2. Panic hardware for emergency exit.
    1. Entry Door Model: 2 Panel Camber Top. Country-style door can be left solid or given a camber or straight top cutout.

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required. Maximum non-standard dimensions for custom order: 29-3/4 to 35 3/4 x 72 to 79 inches.

* + - 1. Width x Height: 31-3/4 x 79 inches (806 x 2007 mm).
      2. Width x Height: 33-3/4 x 79 inches (857 x 2007 mm).
      3. Width x Height: 35-3/4 x 79 inches (908 x 2007 mm).
      4. Width x Height: \_\_\_\_ x \_\_\_\_ inches (\_\_\_\_ x \_\_\_\_ mm).
      5. Material: Steel. 0.028 inch (0711 mm) thick steel.

\*\* NOTE TO SPECIFIER \*\* Delete construction type options not required.

* + - 1. Construction Type: N600: Regular construction (Solid), White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* Fire rating is optional for doors no larger than 36 x 80 inches without door glass and apply to N300 and N600 only. Delete if not required.

* + - * 1. Fire Rating: 20 minutes.
      1. Construction Type: N700: Regular construction + vinyl cap (Very Solid), White Polytex Steel.
      2. Construction Type: N900: Reinforced construction + vinyl cap option (Heavy duty), Multipoint compatible, White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* The following two items are optional. Delete options not required.

* + - 1. Door closer.
      2. Panic hardware for emergency exit.
    1. Entry Door Model: 3 panel Scroll Top. Perfect for a door-knocker or an oval doorglass.

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required. Maximum non-standard dimensions for custom order: 31-3/4 to 35 3/4 x 72 to 84 inches.

* + - 1. Width x Height: 31-3/4 x 79 inches (806 x 2007 mm).
      2. Width x Height: 33-3/4 x 79 inches (857 x 2007 mm).
      3. Width x Height: 35-3/4 x 79 inches (908 x 2007 mm).
      4. Width x Height: \_\_\_\_ x \_\_\_\_ inches (\_\_\_\_ x \_\_\_\_ mm).
      5. Material: Steel. 0.028 inch (0711 mm) thick steel.

\*\* NOTE TO SPECIFIER \*\* Delete construction type options not required.

* + - 1. Construction Type: N600: Regular construction (Solid), White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* Fire rating is optional for doors no larger than 36 x 80 inches without door glass and apply to N300 and N600 only. Delete if not required.

* + - * 1. Fire Rating: 20 minutes.
      1. Construction Type: N700: Regular construction + vinyl cap (Very Solid), White Polytex Steel.
      2. Construction Type: N900: Reinforced construction + vinyl cap option (Heavy duty), Multipoint compatible, White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* The following two items are optional. Delete options not required.

* + - 1. Door closer.
      2. Panic hardware for emergency exit.
    1. Entry Door Model: 2 panel blank Top. The free space above the panels that can accommodate a large door glass in a variety of styles.

\*\* NOTE TO SPECIFIER \*\* Delete width x height options not required. Maximum non-standard dimensions for custom order: 27-3/4 to 35 3/4 x 72 to 95 inches.

* + - 1. Width x Height: 31-3/4 x 79 inches (806 x 2007 mm).
      2. Width x Height: 33-3/4 x 79 inches (857 x 2007 mm).
      3. Width x Height: 35-3/4 x 79 inches (908 x 2007 mm).
      4. Width x Height: 31-3/4 x 95 inches (806 x 2413 mm).
      5. Width x Height: 33-3/4 x 95 inches (857 x 2413 mm).
      6. Width x Height: 35-3/4 x 95 inches (908 x 2413 mm).
      7. Width x Height: \_\_\_\_ x \_\_\_\_ inches (\_\_\_\_ x \_\_\_\_ mm).
      8. Material: Steel. 0.028 inch (0711 mm) thick steel.

\*\* NOTE TO SPECIFIER \*\* Delete construction type options not required.

* + - 1. Construction Type: N600: Regular construction (Solid), White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* Fire rating is optional for doors no larger than 36 x 80 inches without door glass and apply to N300 and N600 only. Delete if not required.

* + - * 1. Fire Rating: 20 minutes.
      1. Construction Type: N700: Regular construction + vinyl cap (Very Solid), White Polytex Steel.
      2. Construction Type: N900: Reinforced construction + vinyl cap option (Heavy duty), Multipoint compatible, White Polytex Steel.

\*\* NOTE TO SPECIFIER \*\* The following two items are optional. Delete options not required.

* + - 1. Door closer.
      2. Panic hardware for emergency exit.

\*\* NOTE TO SPECIFIER \*\* Delete article if not required.

* 1. STEEL ENTRY DOORS, STANDARD DUTY CONSTRUCTION TYPES

\*\* NOTE TO SPECIFIER \*\* Delete construction type options not required.

* + 1. Construction Type: N300
       1. Door Thickness: 1-3/4 inches ( mm).
       2. Door Height: 79 to 84 inches
       3. Steel Thickness: 0.0215 inches ( mm)
       4. Hot dipped Galvanized: G40
       5. Finish and Color: Pre-painted White.
       6. Insulation: Urethane. HCFC Free.
          1. R-Value per ASTM C518: 13.1
       7. Warranty:
          1. Manufacturing Defect: 5 years.
          2. Paint Finish: 5 years.
    2. Construction Type: N600
       1. Door Thickness: 1-3/4 inches ( mm).
       2. Door Height: 79 to 84 inches
       3. Steel Thickness: 0.0215 inches ( mm)
       4. Hot dipped Galvanized: G40
       5. Finish and Color: Polytex White.
       6. Insulation: Urethane. HCFC Free.
          1. R-Value per ASTM C518: 13.1
       7. Warranty:
          1. Manufacturing Defect: 10 years.
          2. Paint Finish: 10 years.
    3. Construction Type: N700
       1. Door Thickness: 1-3/4 inches ( mm).
       2. Door Height: 79 inches
       3. Steel Thickness: 0.0215 inches ( mm)
       4. Hot dipped Galvanized: G40
       5. Finish and Color: Polytex White.
       6. Insulation: Urethane. HCFC Free.
          1. R-Value per ASTM C518: 13.1
       7. Warranty:
          1. Manufacturing Defect: 10 years.
          2. Paint Finish: 10 years.
    4. Construction Type: N900
       1. Door Thickness: 1-3/4 inches ( mm).
       2. Door Height: 79 to 95 inches
       3. Steel Thickness: 0.0215 inches ( mm)
       4. Hot dipped Galvanized: G40
       5. Finish and Color: Polytex White.
       6. Insulation: Urethane. HCFC Free.
          1. R-Value per ASTM C518: 13.1
       7. Warranty:
          1. Manufacturing Defect: 10 years.
          2. Paint Finish: 10 years.
    5. Standard Hardware Preparation:
       1. Hinges:
          1. Door Height: 79 to 84 inches. Prepared for three, 4 inch hinges.

Positioning from the Top: 6-1/2, 37-1/2, and 68-1/2 inches.

* + - * 1. Door Height: 95 inches. Prepared for four, 4 inch hinges.

Positioning from the Top: 6-1/2, 32-1/2, 58-1/2, and 84 inches.

* + - 1. Sidelites: No preparation for hinges
      2. Handle Boring:

\*\* NOTE TO SPECIFIER \*\* Delete prep options not required.

* + - * 1. Prep 1: No preparation for locks
        2. Prep 2:

Prepared for 2-1/8 inch dia face bore.

Edge Bore: 1 inch for door widths of 31-3/4, 33-3/4, and 35-3/4 inch only.

Backset: 2-3/8 or 2-3/4 as ordered

Face Bore Center Line: 33-1/8 inch from bottom.

* + - * 1. Prep 3:

Prepared for 2-1/8 inch dia face bore.

Edge Bore: 1 inch for door widths of 31-3/4, 33-3/4, and 35-3/4 inch only.

Rectangular mortise preparation for latch bolt plate; radius corner.

Backset: 2-3/8 or 2-3/4 as ordered

Face Bore Center Line: 33-1/8 inch from bottom.

1. EXECUTION
   1. EXAMINATION
      1. Do not begin installation until substrates have been properly constructed and prepared.
      2. If substrate preparation is the responsibility of another installer, notify Architect in writing of unsatisfactory preparation before proceeding.
   2. PREPARATION
      1. Clean surfaces thoroughly prior to installation.
      2. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
   3. INSTALLATION
      1. Install in accordance with manufacturer's instructions, approved submittals, and in proper relationship with adjacent construction.
   4. CLEANING AND PROTECTION
      1. Clean products in accordance with the manufacturers recommendations.
      2. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION