SECTION 08 35 00

ACCORDION FOLDING DOORS

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\*\* NOTE TO SPECIFIER \*\* Woodfold Mfg. Inc.; interior accordion folding doors.  
This section is based on the products of Woodfold Mfg. Inc., which is located at:1811 18th Ave.Forest Grove, OR 97116-0346Tel: 503-357-7181Fax: 503-357-7185Email: [request info (woodfold@woodfold.com)](https://arcat.com/rfi?action=email&company=Woodfold%252BMfg.%252BInc.&message=RE%253A%2520Spec%2520Question%2520(08350wmi)%253A%2520&coid=36603&spec=08350wmi&rep=&fax=503-357-7185)  
Web: <http://www.woodfold.com>   
 [ [Click Here](https://arcat.com/company/woodfold-mfg-inc-36603) ] for additional information.  
Woodfold Manufacturing has been crafting value for over 60 years. We supply custom Accordion Doors, Acoustic Accordion Doors, Hardwood Roll up Doors, (coiling style), and a range of exterior, aluminum products for facades, parking structures, hotels, hospitals, multi-family and mixed use locations, where space and opening ease is important.

1. GENERAL
   1. SECTION INCLUDES

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

* + 1. Accordion Folding Doors.
    2. Accordion Folding Security Doors.
    3. Accordion Folding Utility Doors.
    4. Accordion Folding Wood Room Divider Doors.
    5. Accordion Folding Acoustic Rated Doors.
  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 08 71 00 - Door Hardware.
    3. Section 09 90 00 - Painting and Coating.
    4. Section 10 71 13.13 - Exterior Shutters.
    5. Section 12 21 00 - Window Blinds.
    6. Division 16 - Appropriate sections for power supply connections and control wiring.
  1. REFERENCES

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

* + 1. ASTM International (ASTM):
       1. ASTM E90 - Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements.
       2. ASTM E336 - Standard Method of Measurement of Airborne Sound Insulation in Buildings.
  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 selection samples if colors have already been selected.

* + 1. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
    2. Verification Samples: For each finish product specified, two samples, minimum size 4 inches (102 mm) square representing actual product, color, and patterns.
    3. Shop Drawings: Include details of materials, construction, and finish.
       1. Indicate opening sizes, jamb, sill, and head conditions.

\*\* NOTE TO SPECIFIER \*\* Delete if sustainable design documentation is not required.

* + 1. Sustainable Design Submittals:
       1. Recycled Content:
          1. Steel Components: Default 25 percent post-consumer recycled content.
          2. Aluminum Components: 40.6 percent post-industrial/pre-consumer and 13.6 percent post-consumer recycled content (per Aluminum Extruders Council EPD).
          3. Precise recycled content and weights of components provided once order is finalized.
  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 on might be specified. When deciding on the extent of the mock-up, consider all the major different types of work on the project. Delete if not required.

* + 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. 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.
        1. Do not deliver doors until proper protection can be provided, and until needed for installation.
        2. Store products in manufacturer's unopened packaging until ready for installation.
  2. 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.
  3. WARRANTY
     1. Manufacturer's Warranty: Provide manufacturer's standard limited warranty.

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: Woodfold Mfg. Inc., which is located at:1811 18th Ave.Forest Grove, OR 97116-0346Tel: 503-357-7181Fax: 503-357-7185Email: [request info (woodfold@woodfold.com)](https://arcat.com/rfi?action=email&company=Woodfold%252BMfg.%252BInc.&message=RE%253A%2520Spec%2520Question%2520(08350wmi)%253A%2520&coid=36603&spec=08350wmi&rep=&fax=503-357-7185);Web: <http://www.woodfold.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 if not required.

* 1. ACCORDION FOLDING DOORS

\*\* NOTE TO SPECIFIER \*\* Light Oak vinyl and Chalk vinyl door panel coverings are available with Class 1 fire retardant panel core. Delete if not required.

* + 1. Performance Requirements: Class 1 fire retardant door panel core material.
    2. Accordion Folding Wood Doors: Series 240 Door as manufactured by Woodfold Manufacturing, Inc.
       1. Standards Compliance: ADA/BOMA SEC 4.1311.

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

* + - 1. Track: 1-1/8 x 1 inch (29 x 25 mm) aluminum, pre-punched for screw fasteners for surface mounting.
      2. Track: 1-1/8 x 1 inch (29 x 25 mm) aluminum, pre-punched for screw fasteners, with aluminum hat channel for recess mounting.
      3. Track: 1/2 x 1-1/8 inch (13 x 29 mm) aluminum, I-beam profile, with ceiling clips; capable of being formed to 12-inch (305 mm) radius curve.
      4. Roller Assembly: Nylon wheels on ball-bearing steel axles; riveted to hinge, dual trolley at lead post, single trolley at alternate panels, type for specified track.
      5. Hinge Assembly:18 gage steel, continuous pin, riveted to top and bottom of door panel, with automatic stop at full extension.

\*\* NOTE TO SPECIFIER \*\* Retain the following subparagraph for standard panel core material. Delete if specifying decorative inserts.

* + - 1. Panel Core: 1/4 inch (6 mm) thick medium density fiberboard with rabbeted edge for panel connector.

\*\* NOTE TO SPECIFIER \*\* Select panel facing required. Delete facing options not required.

* + - 1. Panel Facing: Vinyl laminate.
         1. Pattern: \_\_\_\_\_.
         2. Pattern: As selected by Architect from Manufacturer's full range.
      2. Panel Facing: Wood veneer.
         1. Species: \_\_\_\_\_.
         2. Species: As selected by Architect.
         3. Finish: Sealer and clear lacquer topcoats.
      3. Panel connectors: Continuous non-rigid vinyl, inserted and glued into panel rabbet.
      4. Lead Post: Extruded aluminum, 3/4 x 2-3/4 inch (19 x 70 mm) cross-section.

\*\* NOTE TO SPECIFIER \*\* The following paragraph is for pairs of doors or intersecting configurations. Delete if not required.

* + - 1. Intersecting Jamb Molding: Types required for indicated configurations.
      2. Handle: Rigid molded polyvinyl chloride.

\*\* NOTE TO SPECIFIER \*\* Delete latching options not required. Thumbturn both sides with deadlatch is standard.

* + - 1. Latching: Thumbturn both sides with deadlatch.
      2. Latching: Magnetic catch.
      3. Latching: Thumbturn one side with deadlatch.
      4. Latching: Thumbturn one side, with keylock on side, with deadlatch.
      5. Latching: Keylock both sides, with deadlatch.
      6. Aluminum Finish: Manufacturer's standard, in color complementing panel finish.

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

* 1. ACCORDION FOLDING SECURITY DOORS

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

* + 1. Accordion Folding Wood Security Doors: Series 440 Visifold Door as manufactured by Woodfold Manufacturing, Inc.
       1. Standards Compliance: ADA/BOMA SEC 4.1311.

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

* + - 1. Track: 1-1/8 x 1 inch (29 x 25 mm) aluminum, pre-punched for screw fasteners for surface mounting.
      2. Track: 1-1/8 x 1 inch (29 x 25 mm) aluminum, pre-punched for screw fasteners, with aluminum hat channel for recess mounting.
      3. Track: 1/2 x 1-1/8 inch (13 x 29 mm) aluminum, I-beam profile, with ceiling clips; capable of being formed to 12-inch (305 mm) radius curve.
      4. Roller Assembly: Nylon wheels on ball-bearing steel axles; riveted to hinge, dual trolley at lead post, single trolley at alternate panels, type for specified track.
      5. Hinge Assembly:18 gage steel, continuous pin, riveted to top and bottom of door panel, with automatic stop at full extension.
      6. Panel Frame: Aluminum vertical channels, inside dimension between webs to accept 1/8 inch thick material.

\*\* NOTE TO SPECIFIER \*\* Select panel required. Delete panel not required.

* + - 1. Panels: 1/8 inch (3 mm) thick transparent acrylic sheet.
      2. Panels: 1/8 inch (3 mm) thick \_\_\_\_\_.
      3. Panel Connectors: Continuous non-rigid vinyl, inserted into panel frame channel.
      4. Lead Post: Extruded aluminum, 3/4 x 2-3/4 inch (19 x 70 mm) cross section.

\*\* NOTE TO SPECIFIER \*\* Retain the following subparagraph if specifying pairs of doors or intersecting configurations. Delete if not required.

* + - 1. Intersecting Jamb Molding: Types for indicated configurations.
      2. Handle: Rigid molded polyvinyl chloride.

\*\* NOTE TO SPECIFIER \*\* Delete latching options not required. Thumbturn both sides with deadlatch is standard.

* + - 1. Latching: Thumbturn both sides with deadlatch.
      2. Latching: Magnetic catch.
      3. Latching: Thumbturn one side with deadlatch.
      4. Latching: Thumbturn one side, pull with keylock one side, with deadlatch.
      5. Latching: Keylock both sides, with deadlatch.

\*\* NOTE TO SPECIFIER \*\* Select panel finish required. Delete finishes not required.

* + - 1. Panel Finish: Clear.
      2. Panel Finish: Bronze.
      3. Panel Finish: \_\_\_\_\_.
      4. Aluminum Finish: Manufacturer's standard, in color complementing panel finish.

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

* + 1. Accordion Folding Wood Security Doors: Series 540 Visifold Door as manufactured by Woodfold Manufacturing, Inc.
       1. Standards Compliance: ADA/BOMA SEC 4.1311.

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

* + - 1. Track: 1-1/8 x 1 inch (29 x 25 mm) aluminum, pre-punched for screw fasteners for surface mounting.
      2. Track: 1-1/8 x 1 inch (29 x 25 mm) aluminum, pre-punched for screw fasteners, with aluminum hat channel for recess mounting.
      3. Track: 1/2 x 1-1/8 inch (13 x 29 mm) aluminum, I-beam profile, with ceiling clips; capable of being formed to 12-inch (305 mm) radius curve.
      4. Roller Assembly: Nylon wheels on ball-bearing steel axles; riveted to hinge, dual trolley at lead post, single trolley at alternate panels, type for specified track.
      5. Hinge Assembly: 18 gage steel, continuous pin, riveted to top and bottom of door panel, with automatic stop at full extension.

\*\* NOTE TO SPECIFIER \*\* Select panel required. Delete panel not required.

* + - 1. Panels: 1/8 inch (3 mm) thick transparent acrylic sheet.
      2. Panels: 1/8 inch (3 mm) thick \_\_\_\_\_.
      3. Panel Connectors: Continuous non-rigid vinyl, inserted into panel frame channel.
      4. Lead Post: Extruded aluminum, 3/4 x 2-3/4 inch (19 x 70 mm) cross section.

\*\* NOTE TO SPECIFIER \*\* Retain the following subparagraph if specifying pairs of doors or intersecting configurations. Delete if not required.

* + - 1. Intersecting Jamb Molding: Types for indicated configurations.
      2. Handle: Rigid molded polyvinyl chloride.

\*\* NOTE TO SPECIFIER \*\* Select latching option required. Delete options not required.

* + - 1. Latching: Keylock both sides, with deadlatch.
      2. Latching: Magnetic catch.
      3. Latching: Thumbturn one side with deadlatch.
      4. Latching: Thumbturn both sides with springlatch.
      5. Latching: Thumbturn one side, with keylock one side, with deadlatch.
      6. Latching: Thumbturn both sides with deadlatch.

\*\* NOTE TO SPECIFIER \*\* Select panel finish required. Delete finishes not required.

* + - 1. Panel Finish: Clear.
      2. Panel Finish: Bronze.
      3. Panel Finish: \_\_\_\_\_.
      4. Aluminum Finish: Manufacturer's standard, in color complementing panel finish.

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

* + 1. Accordion Folding Wood Security Doors: Series 640 Visifold Door as manufactured by Woodfold Manufacturing, Inc.

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

* + - 1. Track: 1-1/8 x 1 inch (29 x 25 mm) aluminum, pre-punched for screw fasteners for surface mounting.
      2. Track: 1-1/8 x 1 inch (29 x 25 mm) aluminum, pre-punched for screw fasteners, with aluminum hat channel for recess mounting.
      3. Track: 1/2 x 1-1/8 inch (13 x 29 mm) aluminum, I-beam profile, with ceiling clips; capable of being formed to 12-inch (305 mm) radius curve.
      4. Roller Assembly: Nylon wheels on ball-bearing steel axles; riveted to hinge, dual trolley at lead post, single trolley at alternate panels, type for specified track.
      5. Hinge Assembly: 18 gage steel, continuous pin, riveted to top and bottom of door panel, with automatic stop at full extension.

\*\* NOTE TO SPECIFIER \*\* Select panel required. Delete panel not required.

* + - 1. Panels: 0.08 inch (2 mm) thick solid aluminum, 4-1/4 inches (108 mm) wide.
      2. Panels: 1/8 inch (3 mm) thick transparent acrylic sheet.
      3. Panels: 1/8 inch (3 mm) thick \_\_\_\_\_.
      4. Panel Connectors: Continuous non-rigid vinyl, inserted into panel frame channel.
      5. Lead Post: Extruded aluminum, 3/4 x 2-3/4 inch (19 x 70 mm) cross section.

\*\* NOTE TO SPECIFIER \*\* Retain following subparagraph if specifying pairs of doors or intersecting configurations. Delete if not required.

* + - 1. Intersecting Jamb Molding: Types for indicated configurations.
      2. Handle: Rigid molded polyvinyl chloride.

\*\* NOTE TO SPECIFIER \*\* Select latching option required. Delete options not required.

* + - 1. Latching: Thumbturn both sides with deadlatch.
      2. Latching: Magnetic catch.
      3. Latching: Thumbturn one side with deadlatch.
      4. Latching: Thumbturn one side, with keylock one side, with deadlatch.
      5. Latching: Keylock both sides, with deadlatch.

\*\* NOTE TO SPECIFIER \*\* Select panel finish required. Delete finishes not required.

* + - 1. Panel Finish: Clear anodized aluminum, solid.
      2. Panel Finish: Clear anodized aluminum, decorative perforation, nominal 1/2 x 1 inch (13 x 25 mm) openings.
      3. Steel Finish: Manufacturer's standard, in color complementing panel finish.
      4. Aluminum Finish: Manufacturer's standard, in color complementing panel finish.

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

* + 1. Accordion Folding Wood Security Doors: Series 740 Visifold Door as manufactured by Woodfold Manufacturing, Inc.

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

* + - 1. Track: 1-1/8 x 1 inch (29 x 25 mm) aluminum, pre-punched for screw fasteners for surface mounting.
      2. Track: 1-1/8 x 1 inch (29 x 25 mm) aluminum, pre-punched for screw fasteners, with aluminum hat channel for recess mounting.
      3. Track: 1/2 x 1-1/8 inch (13 x 29 mm) aluminum, I-beam profile, with ceiling clips; capable of being formed to 12-inch (305 mm) radius curve.
      4. Roller Assembly: Nylon wheels on ball-bearing steel axles; riveted to hinge, dual trolley at lead post, single trolley at alternate panels, type for specified track.
      5. Hinge Assembly: 18 gage steel, continuous pin, riveted to top and bottom of door panel, with automatic stop at full extension.

\*\* NOTE TO SPECIFIER \*\* Select panel required. Delete panel not required.

* + - 1. Panels: 0.08 inch (2 mm) thick solid aluminum, 4-1/4 inches (108 mm) wide.
      2. Panels: 1/8 inch (3 mm) thick transparent acrylic sheet.
      3. Panels: 1/8 inch (3 mm) thick \_\_\_\_\_.
      4. Panel Connectors: Continuous non-rigid vinyl, inserted into panel frame channel.
      5. Lead Post: Extruded aluminum, 3/4 x 2-3/4 inch (19 x 70 mm) cross section.

\*\* NOTE TO SPECIFIER \*\* Retain following subparagraph if specifying pairs of doors or intersecting configurations. Delete if not required.

* + - 1. Intersecting Jamb Molding: Types for indicated configurations.
      2. Handle: Rigid molded polyvinyl chloride.

\*\* NOTE TO SPECIFIER \*\* Select latching option required. Delete options not required.

* + - 1. Latching: Keylock both sides, with deadlatch.
      2. Latching: Thumbturn both sides with springlatch.
      3. Latching: Thumbturn both sides with deadlatch.

\*\* NOTE TO SPECIFIER \*\* Select panel finish required. Delete finishes not required.

* + - 1. Panel Finish: Clear anodized aluminum, solid.
      2. Panel Finish: Clear anodized aluminum, decorative perforation, nominal 1/2 x 1 inch (13 x 25 mm) openings.
      3. Steel Finish: Manufacturer's standard, in color complementing panel finish.
      4. Aluminum Finish: Manufacturer's standard, in color complementing panel finish.

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

* 1. ACCORDION FOLDING UTILITY DOORS

\*\* NOTE TO SPECIFIER \*\* Light Oak vinyl and Chalk vinyl door panel coverings are available with Class 1 fire retardant panel core. Delete if not required.

* + 1. Performance Requirements: Class 1 fire retardant door panel core material.
    2. Accordion Folding Wood Utility Doors: Series 140 Door as manufactured by Woodfold Manufacturing, Inc.
       1. Standards Compliance: ADA/BOMA SEC 4.1311.
       2. Track: 1-1/8 x 1 inch (29 x 25 mm) aluminum, pre-punched for screw fasteners for surface mounting.
       3. Roller Assembly: Nylon wheels with Lexan axles; riveted to hinge, single trolley at alternate panels.
       4. Hinge Assembly: 18 gage steel, continuous pin, riveted to top and bottom of door panel, with automatic stop at full extension.
       5. Panels: 1/4 inch (6 mm) thick medium density fiberboard with rabbeted edge for panel connector.
       6. Panel Connectors: Continuous non-rigid vinyl, inserted and glued into panel rabbet.
       7. Handle: Rigid molded polyvinyl chloride, full length of door, with molded finger pull front side.
       8. Latching: Magnetic catch, with strike plate.

\*\* NOTE TO SPECIFIER \*\* Select panel finish required. Delete finishes not required.

* + - 1. Panel Finish: Vinyl laminate, \_\_\_\_\_ pattern on sight-exposed face; unfinished or utility grade back face, manufacturer's option.
      2. Panel Finish: Vinyl laminate, pattern, as selected by Architect, on sight-exposed face; unfinished or utility grade back face, manufacturer's option.
      3. Panel Finish: Hardwood veneer, \_\_\_\_\_ species, with sealer and clear lacquer topcoats on sight-exposed face; unfinished or utility grade back face, manufacturer's option.
      4. Panel Finish: Hardwood veneer, species as selected by Architect, with sealer and clear lacquer topcoats on sight-exposed face; unfinished or utility grade back face, manufacturer's option.
      5. Aluminum Finish: Manufacturer's standard, in color complementing panel finish.

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

* 1. ACCORDION FOLDING ROOM DIVIDER DOORS

\*\* NOTE TO SPECIFIER \*\* Light Oak vinyl and Chalk vinyl door panel coverings are available with Class 1 fire retardant panel core. Delete if not required.

* + 1. Performance Requirements: Class 1 fire retardant door panel core material.
    2. Accordion Folding Wood Room Divider Doors: Series 220 Door as manufactured by Woodfold Manufacturing, Inc.
       1. Standards Compliance: ADA/BOMA SEC 4.1311.
       2. Track: 1-1/8 x 1 inch (29 x 25 mm) aluminum, pre-punched for screw fasteners for surface mounting.
       3. Roller Assembly: Nylon wheels with Lexan axles; riveted to hinge, single trolley at alternate panels.
       4. Hinge Assembly: 18 gage steel, continuous pin, riveted to top and bottom of door panel, with automatic stop at full extension.
       5. Panels: 1/4 inch (6 mm) thick medium density fiberboard with rabbeted edge for panel connector.
       6. Panel Connectors: Continuous non-rigid vinyl, inserted and glued into panel rabbet.
       7. Handle: Rigid molded polyvinyl chloride, full length of door, with molded finger pull front side.
       8. Latching: Magnetic catch, with strike plate.

\*\* NOTE TO SPECIFIER \*\* Select panel finish required. Delete finishes not required.

* + - 1. Panel Finish: Vinyl laminate, \_\_\_\_\_ pattern on sight-exposed face; unfinished or utility grade back face, manufacturer's option.
      2. Panel Finish: Vinyl laminate, pattern, as selected by Architect, on sight-exposed face; unfinished or utility grade back face, manufacturer's option.
      3. Panel Finish: Hardwood veneer, \_\_\_\_\_ species, with sealer and clear lacquer topcoats on sight-exposed face; unfinished or utility grade back face, manufacturer's option.
      4. Panel Finish: Hardwood veneer, species as selected by Architect, with sealer and clear lacquer topcoats on sight-exposed face; unfinished or utility grade back face, manufacturer's option.
      5. Aluminum Finish: Manufacturer's standard, in color complementing panel finish.

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

* 1. ACCORDION FOLDING ACOUSTIC RATED DOORS

\*\* NOTE TO SPECIFIER \*\* Light Oak vinyl and Chalk vinyl door panel coverings are available with Class 1 fire retardant panel core. Delete if not required.

* + 1. Performance Requirements: Class 1 fire retardant door panel core material.

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

* + 1. Accordion Folding Wood Acoustic Rated Doors: Series 2100 Door as manufactured by Woodfold Manufacturing, Inc.
       1. Sound Transmission Class (STC): 21, tested to ASTM E90.
       2. Track: 2 x 1-1/8 inch (51 x 29 mm) aluminum, pre-punched for screw fasteners for surface mounting.
       3. Roller Assembly: Nylon wheels on ball-bearing steel axles; riveted to hinge, dual trolley at lead post, single trolley at alternate panels.
       4. Hinge Assembly: 18 gage steel, continuous pin, riveted to top and bottom of door panel, with automatic stop at full extension.
       5. Sound Seal: Extruded vinyl sweeps attached to top and bottom hinge assemblies; 1/2 inch (13 mm) wide sweep for top hinge, 1-3/8 inches (35 mm) wide sweep for bottom hinge.
       6. Panels: 1/4 inch (6 mm) thick medium density fiberboard with rabbeted edge for panel connector.
       7. Panel Connectors: Continuous non-rigid vinyl, inserted and glued into panel rabbet.
       8. Lead Post: Extruded aluminum, 3/4 x 2-3/4 inch (19 x 70 mm) cross section.
       9. Intersecting Jamb Molding: Types for indicated configurations; aluminum with sound seal gaskets.
       10. Handle: Rigid molded polyvinyl chloride.

\*\* NOTE TO SPECIFIER \*\* Select latching option required. Delete options not required.

* + - 1. Latching: Thumbturn both sides with deadlatch.
      2. Latching: Thumbturn one sides with deadlatch.
      3. Latching: Thumbturn one side, pull with keylock one side, with deadlatch.
      4. Latching: Pull with keylock both sides, with deadlatch.
      5. Latching: Magnetic catch.

\*\* NOTE TO SPECIFIER \*\* Select panel finish required. Delete finishes not required.

* + - 1. Panel Finish: Vinyl laminate, \_\_\_\_\_ pattern on sight-exposed face; unfinished or utility grade back face, manufacturer's option.
      2. Panel Finish: Vinyl laminate, pattern, as selected by Architect, on sight-exposed face; unfinished or utility grade back face, manufacturer's option.
      3. Panel Finish: Hardwood veneer, \_\_\_\_\_ species, with sealer and clear lacquer topcoats on sight-exposed face; unfinished or utility grade back face, manufacturer's option.
      4. Panel Finish: Hardwood veneer, species as selected by Architect, with sealer and clear lacquer topcoats on sight-exposed face; unfinished or utility grade back face, manufacturer's option.
      5. Aluminum Finish: Manufacturer's standard, in color complementing panel finish.

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

* + 1. Accordion Folding Wood Acoustic Rated Doors: Series 3300 Door as manufactured by Woodfold Manufacturing, Inc.
       1. Field Sound Transmission Class (FSTC): 33, tested to ASTM E336.
       2. Track: 2 x 1-3/4 inch (51 x 44 mm) aluminum, pre-punched for screw fasteners for surface mounting.

\*\* NOTE TO SPECIFIER \*\* Delete head molding or head track whichever is not required.

* + - 1. Head Molding: Hardwood molding for sound seal to top sweep strips.
      2. Head Track: Aluminum, two-piece, for sound seal to top sweep strips.
      3. Roller Assembly: Nylon wheels on ball-bearing steel axles; rivet-attached to connecting clips, dual trolley at lead post, single trolley at alternate panels, type for specified track.
      4. Hinge Assembly: 18 gage steel, continuous pin, riveted to top and bottom of door panel, with automatic stop at full extension; pantograph action for dual-wall door assembly.
      5. Panels: 1/4 inch (6 mm) thick medium density fiberboard with rabbeted edge for panel connector.
      6. Acoustical liner: Applied to inside faces of both walls.
      7. Panel Connectors: Continuous non-rigid vinyl, inserted and glued into panel rabbet.
      8. Lead Post: Extruded aluminum, 2-7/8 x 4-1/2 inch ( x mm) cross section with jamb molding.

\*\* NOTE TO SPECIFIER \*\* Delete jamb panel options not required.

* + - 1. Jamb Panel: Flush.
      2. Jamb Panel: Post.
      3. Jamb Panel: Sliding.
      4. Handle: Rigid molded polyvinyl chloride.

\*\* NOTE TO SPECIFIER \*\* Select latching option required. Delete options not required.

* + - 1. Latching: Thumbturn both sides with deadlatch.
      2. Latching: Thumbturn one sides with deadlatch.
      3. Latching: Thumbturn one side, with keylock one side, with deadlatch.
      4. Latching: Keylock both sides, with deadlatch.
      5. Latching: Magnetic catch.

\*\* NOTE TO SPECIFIER \*\* Select panel finish required. Delete finishes not required.

* + - 1. Panel Finish: Vinyl laminate, \_\_\_\_\_ pattern on sight-exposed face; unfinished or utility grade back face, manufacturer's option.
      2. Panel Finish: Vinyl laminate, pattern, as selected by Architect, on sight-exposed face; unfinished or utility grade back face, manufacturer's option.
      3. Panel Finish: Hardwood veneer, \_\_\_\_\_ species, with sealer and clear lacquer topcoats on sight-exposed face; unfinished or utility grade back face, manufacturer's option.
      4. Panel Finish: Hardwood veneer, species as selected by Architect, with sealer and clear lacquer topcoats on sight-exposed face; unfinished or utility grade back face, manufacturer's option.
      5. Aluminum Finish: Manufacturer's standard, in color complementing panel finish.
      6. Head Molding Finish: Coordinated with hardware and track system.

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

* + 1. Accordion Folding Wood Acoustic Rated Doors: Series 4100 Door as manufactured by Woodfold Manufacturing, Inc.
       1. Field Sound Transmission Class (FSTC): 41, tested to ASTM E336.
       2. Track: 2 x 1-1/4 inch (51 x 32 mm) aluminum, pre-punched for screw fasteners for surface mounting.

\*\* NOTE TO SPECIFIER \*\* Delete head molding or head track whichever is not required.

* + - 1. Head Molding: Hardwood molding for sound seal to top sweep strips.
      2. Head Track: Aluminum, two-piece, for sound seal to top sweep strips.
      3. Roller Assembly: Nylon wheels on ball-bearing steel axles; rivet-attached to connecting clips, dual trolley at lead post, single trolley at alternate panels, type for specified track.
      4. Hinge Assembly: 16 gage steel, pantograph action for dual-wall door assembly.
      5. Panels: 1/2 inch (12 mm) thick medium density fiberboard with routed edge for vinyl hinging.

\*\* NOTE TO SPECIFIER \*\* Delete panel width option not required.

* + - * 1. Panel Width: 6 inch (152 mm)
        2. Panel Width: 8 inch (203 mm)
      1. Acoustical liner: Applied to inside faces of both walls.
      2. Panel Connectors: Continuous non-rigid vinyl, inserted and attached into routed edge.
      3. Lead Post: Extruded aluminum, 3-7/16 x 4-7/8 inch (87 x 124 mm) cross section with jamb molding.

\*\* NOTE TO SPECIFIER \*\* Delete jamb panel options not required.

* + - 1. Jamb Panel: Flush.
      2. Jamb Panel: Post.
      3. Jamb Panel: Sliding.
      4. Handle: Steel.

\*\* NOTE TO SPECIFIER \*\* Select latching option required. Delete options not required.

* + - 1. Latching: Thumbturn both sides with deadlatch.
      2. Latching: Thumbturn one sides with deadlatch.
      3. Latching: Thumbturn one side, with keylock one side, with deadlatch.
      4. Latching: Keylock both sides, with deadlatch.
      5. Latching: Magnetic catch.

\*\* NOTE TO SPECIFIER \*\* Select panel finish required. Delete finishes not required. A wide variety of non-standard finishes can be applied to standard panels, including custom wood finishes, wallcoverings, plastic laminates, custom logos, and murals. Contact manufacturer for available options.

* + - 1. Panel Finish: Vinyl laminate, \_\_\_\_\_ pattern on sight-exposed face; unfinished or utility grade back face, manufacturer's option.
      2. Panel Finish: Vinyl laminate, pattern, as selected by Architect, on sight-exposed face; unfinished or utility grade back face, manufacturer's option.
      3. Aluminum Finish: Manufacturer's standard, in color complementing panel finish.
      4. Head Molding Finish: Coordinated with hardware and track system.

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.
      2. Anchor to adjacent construction without distortion or stress.
      3. Fit and align door assembly including hardware, level and plumb, to provide smooth operation.
   4. ADJUSTING
      1. Adjust doors for smooth operation throughout full operating range.
   5. CLEANING AND PROTECTION
      1. Clean products in accordance with the manufacturer's recommendations.
      2. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION