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
      1. Wood accordion folding doors.
   2. RELATED SECTIONS

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

* + 1. Division 01: Administrative, procedural, and temporary work requirements.
    2. Section 08 7100 - Door Hardware.
    3. Section 09 9100 - Painting.
    4. Section [\_\_ \_\_\_\_ - \_\_\_\_\_\_\_]: Connection to power supply 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.
     2. Product Data:
        1. Manufacturer's data sheets for door units and hardware.
        2. Preparation instructions and recommendations.
        3. Storage and handling requirements and recommendations.
        4. Typical installation methods.
     3. Verification Samples: For each finish product specified, two samples, minimum size 4 inches (102 mm) square representing actual product, color, and patterns.
     4. Shop Drawings: Indicate opening sizes, jamb, sill and head conditions. Indicate materials, construction, and finish. Include relationship with adjacent construction.

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

* + 1. Sustainable Design Submittals:
       1. Recycled Content.
       2. Low-Emitting Materials.

\*\* NOTE TO SPECIFIER \*\* Include the following for submission of closeout submittals for the Owner's record purposes.

* + 1. Closeout Submittals:
       1. Operation and Maintenance Data.
  1. QUALITY ASSURANCE
     1. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with a minimum of 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.
     4. Regulatory Requirements: Comply with applicable accessibility code for door opening force.

\*\* NOTE TO SPECIFIER \*\* Delete if sustainable design documentation is not required.Verify current recycled content with Woodfold Mfg., Inc.

* + 1. Sustainable Product Requirements:
       1. Sheet products fabricated using low-emitting, urea formaldehyde-free binders.
       2. Recycled Content, Plywood Core: Minimum \_\_\_ percent.
       3. Recycled Content, Steel: Minimum 25 percent.
       4. Recycled Content, Aluminum: Minimum 25 percent.

\*\* 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 of one full sized door, showing door construction, hardware and operations 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. Size: One full-size door.
       2. Show: Door construction, hardware, and operation.
       3. The intent of a mock-up is to demonstrate quality of workmanship and visual appearance.
       4. If the mock-up is not acceptable, rebuild the mock-up until satisfactory results are achieved.
       5. Retain mock-up during construction as a standard for comparison with completed work.
       6. Do not alter or remove mock-up until work is completed or removal is authorized.
       7. Approved mock-up may remain as part of the Work.
  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 standard limited warranty against manufacturing defects.

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 the provisions of Section 01 60 00.

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

* 1. ACCORDION FOLDING DOORS

\*\* NOTE TO SPECIFIER \*\* Light Oak laminate and Chalk laminate door panel coverings are available with Class 1 fire retardant panel core. Delete if not required. \*\*I don't know if this is true - cannot find on their website\*\*

* + 1. Performance Requirements: Class 1 fire retardant door panel core material.
    2. Basis of Design: Accordion Folding 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 gauge steel, continuous pin, riveted to top and bottom of door panel, with automatic stop at full extension.

\*\* NOTE TO SPECIFIER \*\* The following paragraph is 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 \*\* Delete facing options not required then delete finish options not required.

* + - 1. Panel Facing: Laminate.
         1. Finish: Pattern: \_\_\_\_\_ on sight-exposed face.
         2. Finish: Pattern: As selected by Architect from Manufacturer's full range.
         3. Finish: Unfinished.
         4. Finish: Special: \_\_\_\_\_\_\_\_.
      2. Panel Facing: Hardwood veneer.
         1. Species: \_\_\_\_\_.
         2. Species: As selected by Architect.
         3. Finish: Sealer and clear lacquer topcoats on sight-exposed face.
         4. Finish: Unfinished.
         5. Finish: Special: \_\_\_\_\_\_\_\_.
      3. Aluminum: Manufacturers standard finish in color complimenting panel finish.
      4. Panel Connectors: Continuous non-rigid vinyl, inserted and glued into panel rabbet.
      5. 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.

\*\* NOTE TO SPECIFIER \*\* Delete article if not required. or delete the basis of design paragraphs not required.

* 1. ACCORDION FOLDING SECURITY DOORS
     1. Basis of Design: Accordion Folding 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 gauge 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 (3 mm) thick material.

\*\* NOTE TO SPECIFIER \*\* Delete panels option 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 \*\* The following paragraph is for 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, with keylock one side, with deadlatch.
      5. Latching: Keylock both sides, with deadlatch.

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

* + - 1. Panel Finish: Clear.
      2. Panel Finish: Bronze.
      3. Panel Finish: \_\_\_\_\_.
      4. Aluminum Finish: Manufacturer's standard, in color complementing panel finish.
    1. Basis of Design: Accordion Folding Security Doors: Series 540 Visifold Plus 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 \*\* Delete panels option 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 \*\* The following paragraph is for 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 \*\* Delete panel finish options not required.

* + - 1. Panel Finish: Clear.
      2. Panel Finish: Bronze.
      3. Panel Finish: \_\_\_\_\_.
      4. Aluminum Finish: Manufacturer's standard, in color complementing panel finish.
    1. Basis of Design: Accordion Folding Security Doors: Series 640 Aumifold 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.
      6. Panels: 0.08 inch (2 mm) thick solid aluminum, 4-1/4 inches (108 mm) wide.
      7. Panel Connectors: Continuous non-rigid vinyl, inserted into panel frame channel.
      8. 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 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.

* + - 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 \*\* Delete panel finish options 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.
    1. Basis of Design: Accordion Folding Security Doors: Series 740 Alumifold 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.
      6. Panels: 0.08 inch (2 mm) thick solid aluminum, 4-1/4 inches (108 mm) wide.
      7. Panel Connectors: Continuous non-rigid vinyl, inserted into panel frame channel.
      8. 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 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.

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

\*\* NOTE TO SPECIFIER \*\* Delete panel finish options 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 article if not required.

* 1. ACCORDION FOLDING ROOM DIVIDER DOORS
     1. Basis of Design: Accordion Folding 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 \*\* Delete facing options not required then delete finish options not required.

* + - 1. Panel Facing: Laminate.
         1. Finish: Pattern: \_\_\_\_\_ on sight-exposed face.
         2. Finish: Pattern: As selected by Architect from Manufacturer's full range.
         3. Finish: Unfinished.
         4. Finish: Special: \_\_\_\_\_\_\_\_.
      2. Panel Facing: Hardwood veneer.
         1. Species: \_\_\_\_\_.
         2. Species: As selected by Architect.
         3. Finish: Sealer and clear lacquer topcoats on sight-exposed face.
         4. Finish: Unfinished.
         5. Finish: Special: \_\_\_\_\_\_\_\_.
      3. Aluminum Finish: Manufacturer's standard, in color complementing panel finish.

\*\* NOTE TO SPECIFIER \*\* Delete article if not required or delete basis of design paragraphs not required.

* 1. ACCORDION FOLDING ACOUSTIC RATED DOORS
     1. Basis of Design: Accordion Folding 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 x29 mm) aluminum, pre-punched for screw fasteners for surface mounting.
        3. Head Molding: Hardwood molding for sound seal to top sweep strips.
        4. Roller Assembly: Nylon wheels on ball-bearing steel axles; riveted to hinge, dual trolley at lead post, single trolley at alternate panels.
        5. Hinge Assembly: 18 gauge steel, continuous pin, riveted to top and bottom of door panel, with automatic stop at full extension.
        6. 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.
        7. Panels: 1/4 inch (6 mm) thick medium density fiberboard with rabbeted edge for panel connector.
        8. Panel Connectors: Continuous non-rigid vinyl, inserted and glued into panel rabbet.
        9. Lead Post: Extruded aluminum, 3/4 x 2-3/4 inch (19 x 70 mm) cross section.
        10. Interlocking Jamb Molding: Types for indicated configurations; aluminum with sound seal gaskets.
        11. 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: Keylock both sides, with deadlatch.
      5. Latching: Magnetic catch.

\*\* NOTE TO SPECIFIER \*\* Delete facing options not required then delete finish options not required.

* + - 1. Panel Facing: Laminate.
         1. Finish: Pattern: \_\_\_\_\_ on sight-exposed face.
         2. Finish: Pattern: As selected by Architect from Manufacturer's full range.
         3. Finish: Unfinished.
         4. Finish: Special: \_\_\_\_\_\_\_\_.
      2. Panel Facing: Hardwood veneer.
         1. Species: \_\_\_\_\_.
         2. Species: As selected by Architect.
         3. Finish: Sealer and clear lacquer topcoats on sight-exposed face.
         4. Finish: Unfinished.
         5. Finish: Special: \_\_\_\_\_\_\_\_.
      3. Aluminum Finish: Manufacturer's standard, in color complementing panel finish.

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

* + 1. Basis of Design: Accordion Folding 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: 2-1/2 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, painted white.
      2. Head Track: Aluminum ceiling guard, 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 (73 mm x 114 mm) cross section with jamb molding.

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

* + - 1. Jamb Panel Type: Flush.
      2. Jamb Panel Type: Post.
      3. Jamb Panel Type: 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 \*\* Delete facing options not required then delete finish options not required.

* + - 1. Panel Facing: Laminate.
         1. Finish: Pattern: \_\_\_\_\_ on sight-exposed face.
         2. Finish: Pattern: As selected by Architect from Manufacturer's full range.
         3. Finish: Unfinished.
         4. Finish: Special: \_\_\_\_\_\_\_\_.
      2. Panel Facing: Hardwood veneer.
         1. Species: \_\_\_\_\_.
         2. Species: As selected by Architect.
         3. Finish: Sealer and clear lacquer topcoats on sight-exposed face.
         4. Finish: Unfinished.
         5. Finish: Special: \_\_\_\_\_\_\_\_.
      3. Aluminum Finish: Manufacturer's standard, in color complementing panel finish.
      4. Head Molding Finish: Coordinated with hardware and track system.

\*\* NOTE TO SPECIFIER \*\* Delete if not required. Delete door series model not required. Series 4166 has a 6 inch (152 mm) panel width, Series 4188 has an 8 inch (203 mm) panel width.

* + 1. Accordion Folding Acoustic Rated Doors:
       1. Basis of Design: Series 4166. As manufactured by Woodfold Manufacturing, Inc.
       2. Basis of Design: Series 4188. As manufactured by Woodfold Manufacturing, Inc.
       3. Field Sound Transmission Class (FSTC): 41, tested to ASTM E336.
       4. Track: 2 x 1-1/4 inch (51 x 32 mm) aluminum, pre-punched for screw fasteners for surface mounting.

\*\* NOTE TO SPECIFIER \*\* Delete two of the three following paragraphs. Whichever two are not required.

* + - 1. Head Molding: Hardwood molding for sound seal to top sweep strips.
      2. Head Track: Aluminum, for sound seal to top sweep strips.
      3. Ceiling Guard Track: Aluminum.
      4. Roller Assembly: Nylon-tired steel ball-bearing wheels; 4 wheeled carriers on each volute and at lead post, typed specified for track.
      5. Hinge Assembly: 16 gage steel, pantograph action for dual-wall door assembly.
      6. 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 Door 4166: 6 inch (152 mm).
        2. Panel Width Door 4188: 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 option not required.

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

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

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

\*\* 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 Facing: Laminate.
         1. Pattern: \_\_\_\_\_ on sight-exposed face.
         2. Pattern: As selected by Architect from Manufacturer's full range.
      2. Aluminum Finish: Manufacturer's standard, in color complementing panel finish.
      3. Head Molding Finish: Coordinated with track system.

1. EXECUTION
   1. EXAMINATION
      1. Do not begin installation until the 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 without distortion or stress.
      2. Fit and align door assembly, including hardware, level and plumb, to provide smooth operation.
      3. Adjust doors for smooth operation throughout full operating range.
   4. FIELD QUALITY CONTROL
      1. Field Inspection: Coordinate field inspection in accordance with appropriate sections in Division 01.

\*\* NOTE TO SPECIFIER \*\* Include if manufacturer provides field quality control with onsite personnel for instruction or supervision of product installation, application, erection, or construction. Delete if not required.

* + 1. Manufacturer's Services: Coordinate manufacturer's services in accordance with appropriate sections in Division 01.
  1. 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