

**SECTION 10 22 33
ACCORDION FOLDING PARTITIONS**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Accordion folding partitions, nonacoustical.
- B. Acoustical accordion folding partitions.
- C. Accordion folding fire partitions.

1.02 RELATED REQUIREMENTS

- A. Section 08 71 00 - Door Hardware.
- B. Section 26 05 83 - Wiring Connections.
- C. Section 28 46 00 - Fire Detection and Alarm.

1.03 REFERENCE STANDARDS

- A. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2023d.
- B. ASTM E90 - Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements; 2023.
- C. ASTM E119 - Standard Test Methods for Fire Tests of Building Construction and Materials; 2022.
- D. ASTM E336 - Standard Test Method for Measurement of Airborne Sound Attenuation Between Rooms in Buildings; 2023.
- E. ASTM F793/F793M - Standard Classification of Wall Coverings and Ceiling Coverings by Use Characteristics; 2025.
- F. ITS (DIR) - Directory of Listed Products; Current Edition.
- G. NEMA EN 10250 - Enclosures for Electrical Equipment (1000 Volts Maximum); 2024.
- H. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.
- I. NFPA 80 - Standard for Fire Doors and Other Opening Protectives; 2025.
- J. UL (DIR) - Online Certifications Directory; Current Edition.
- K. UL 263 - Standard for Fire Tests of Building Construction and Materials; Current Edition, Including All Revisions.

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements for submittal procedures.
- B. Product Data: For each type, indicate partition, suspension system, framed opening components, hardware, and available colors and finishes.
- C. Shop Drawings: Indicate opening sizes, track layout, details of track and required supports, static and dynamic loads, adjacent construction and finish trim, and stacking sizes.
- D. Samples: Submit two samples of manufacturer's selection of colors.
- E. Samples: Submit two samples of _____, 4 by 4 inches in size, illustrating finish quality.
- F. Manufacturer's Certificate: Certify partition system meets or exceeds specified acoustic requirements.
- G. Manufacturer's Installation Instructions: Indicate applicable installation procedures and procedures for perimeter conditions requiring special attention.
- H. Manufacturer's qualification statement.
- I. Installer's qualification statement.

- J. Maintenance Data: Describe cleaning materials detrimental to partition facings and hardware finish. Include recommended cleaning methods, cleaning materials, and stain removal methods.
- K. Executed warranty.
- L. Specimen warranty.

1.05 QUALITY ASSURANCE

1.06 DELIVERY, STORAGE, AND HANDLING

1.07 WARRANTY

- A. See Section 01 78 00 - Closeout Submittals for additional warranty requirements.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Accordion Folding Partitions:
 - 1. Kwik-Wall Company; MK Series: www.kwik-wall.com/#sle.
 - 2. Modernfold, dormakaba Group: www.modernfold.com/#sle.
 - 3. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 ACCORDION FOLDING PARTITIONS, GENERAL

- A. Description: Assembly of hinged panels; assembly opens and closes in accordion-folding manner; provides partitioning between two spaces when fully expanded across framed opening.

2.03 ACOUSTICAL ACCORDION FOLDING PARTITIONS

- A. Description: Accordion folding partitions with components controlling sound transmission through partition.

2.04 SUSPENSION SYSTEMS

- A. Description: Track and trolley assembly with panel hangers; functionally provides overhead suspension of accordion folding partition panels.
- B. Manufacturer's standard suspension system, applicable for specified partition system and configuration indicated on drawings; capable of supporting imposed loads and with stiffness limiting deflection to 1/360 of span.

2.05 FRAMED OPENING COMPONENTS

- A. Fixed Components:
 - 1. Manufacturer's standard full-height jamb units.
 - 2. Finish: As selected by Architect from manufacturer's standard finish options.
- B. Movable Components:
 - 1. Manufacturer's standard sliding jamb panels.
 - 2. Finish: As selected by Architect from manufacturer's standard finish options.
- C. Framed Opening Trim:
 - 1. Fabricated from aluminum sheet.
 - 2. Finish: As selected by Architect from manufacturer's standard finish options.
 - 3. Finish: Manufacturer's standard material and finish.

2.06 PARTITION HARDWARE

- A. Panel-to-Panel Hinge Assembly: Manufacturer's standard hinge assembly for specified partition.
- B. Securing Devices:
- C. Operating Trim:

2.07 ELECTRICAL COMPONENTS

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify existing conditions before starting work.
- B. Verify that field measurements are as indicated on drawings.
- C. Verify suspension systems are structurally supported as indicated on drawings.
- D. Verify suspension system support structure permits track leveled within 1/4 inch of required position and parallel to floor surface.
- E. Verify floor flatness of 1/8 inch in 10 feet, noncumulative.
- F. Verify wall plumbness of 1/8 inch in 10 feet, noncumulative.

3.02 PREPARATION

- A. Verify required utilities are located as indicated on drawings, of correct characteristics, and ready for use.

3.03 INSTALLATION

- A. See drawings for installation of overhead structural support and bracing of partition suspension systems.
- B. Install partitions in accordance with manufacturer's instructions.
- C. Install partitions level and plumb.

3.04 ADJUSTING

- A. Adjust partition assembly to provide smooth operation from stacked to full open position.
- B. Visually inspect fully expanded partition for light leaks; identify potential acoustical leaks; adjust to achieve light-tight seals.
- C. Lubricate moving components.

3.05 CLEANING

- A. See Section 01 70 00 - Execution and Closeout Requirements for additional requirements.
- B. Clean surfaces of partitions and other partition components in accordance with manufacturer's written cleaning instructions.

3.06 CLOSEOUT ACTIVITIES

- A. See Section 01 78 00 - Closeout Submittals for additional submittals.
- B. See Section 01 79 00 - Demonstration and Training for additional requirements.
- C. Demonstrate proper operation of equipment to Owner's designated representative.

END OF SECTION 10 22 33