SECTION 10 22 26

GLASS OPERABLE PARTITIONS

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\*\* NOTE TO SPECIFIER \*\* Corflex Partitions Inc.; Movable glass partitions.  
This section is based on the products of Corflex Partitions Inc., which is located at:10 Poissant St.Delson, QC, Canada J5B 2J1Toll Free Tel: 877-410-2422Email: [request info (info@corflex.ca)](https://arcat.com/rfi?action=email&company=Corflex%252BPartitions%252BInc.&message=RE%253A%2520Spec%2520Question%2520(10650cfx)%253A%2520&coid=39436&spec=10650cfx&rep=&fax=)  
Web: <https://corflex.ca/en/> | <https://www.thewinesquare.com/en/>   
 [ [Click Here](https://arcat.com/company/corflex-partitions-inc-39436) ] for additional information.  
Corflex is a company specialized in the design, manufacturing, and distribution of unique architectural products. Our expertise allows us to offer customized and innovative solutions to meet specific needs in terms of space management, comfort, and acoustic performance. As a manufacturer of high-value-added products, we use advanced machinery to offer superior quality products.  
We consider our agility as a major advantage to quickly respond to various market needs while providing personalized service. We believe that creativity and teamwork are essential values to overcome daily challenges and offer distinctive and diversified products.

1. GENERAL
   1. SECTION INCLUDES

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

* + 1. Supply and install operable partitions. Provide labor, materials, tools, equipment, and services for glass operable partitions in accordance with provisions of contract documents.
    2. Glass Operable Partitions.
       1. Omnidirectional and manually operated.
       2. Parallel and manually operated.
       3. Paired and manually operated.
       4. Top supported and motor operated.
    3. Operable Partitions:
       1. Omnidirectional and manually operated.
       2. Paired and manually operated.
       3. Top supported and motor operated.
  1. RELATED SECTIONS

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

* + 1. Section 03 30 00 - Cast-in-Place Concrete. Concrete tolerances required.
    2. Section 05 50 00 - Metal Fabrications. Primary structural support, including pre punching of support members by steel supplier in accordance with template supplied by operable partition supplier's template.
    3. Section 06 10 00 - Rough Carpentry. Wood framing and supports and blocking at head and jambs as required.
    4. Section 09 21 16.33 - Gypsum Board Area Separation Wall Assemblies. Metal framing and gypsum board wall systems adjacent to operable partitions, including blocking and insulation.
    5. Section 09 21 16.33 - Gypsum Board Area Separation Wall Assemblies. Wall and ceiling framing at head and jambs.
  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 C1048 - Standard Specification for Heat-Strengthened and Fully Tempered Flat Glass.
       2. ASTM C1172 - Standard Specification for Laminated Architectural Flat Glass.
       3. ASTM E90 - Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements.
  1. SUBMITTALS
     1. Submit under provisions of Section 01 30 00.
     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 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.

\*\* 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. The intent of a 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. Operable partitions and installation shall be guaranteed for a period of no less than one (1) year.
        2. Track and trolley system for a period of no less than five (5) years against defects in materials and workmanship.
        3. Warranties covering material and labor shall be effective upon the date of signature of the certificate relative to the substantial completion of work.

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: Corflex Partitions Inc., which is located at:10 Poissant St.Delson, QC, Canada J5B 2J1Toll Free Tel: 877-410-2422Email: [request info (info@corflex.ca)](https://arcat.com/rfi?action=email&company=Corflex%252BPartitions%252BInc.&message=RE%253A%2520Spec%2520Question%2520(10650cfx)%253A%2520&coid=39436&spec=10650cfx&rep=&fax=);Web: <https://corflex.ca/en/> | <https://www.thewinesquare.com/en/>

\*\* 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 not required.

* 1. GLASS PARTITIONS, OMNIDIRECTIONAL AND MANUALLY OPERATED
     1. Basis of Design: Omnidirectional glass partitions manually operated, Series GX as manufactured by Corflex.
        1. Acoustical Performance:
           1. Partitions: A performance rating of 50 STC.
           2. Documentation: A copy of an Acoustical Test Report certifying that partition was tested and have a performance of 50 STC by an independent accredited laboratory.

Tested Partition: To be fully functional and meet ASTM E90.

Additional Report Data: Partition weight, partition construction, and acoustical seals tested.

* + - 1. Partitions:
         1. Partition Weight: Approximately 14 lbs per sq ft (68 kg per sq m).
         2. Partition Thickness: 3.66 inches (93 mm).
         3. Partition Frame: Concealed extruded aluminum. No exposed frame on the partition surfaces.
         4. Partition Glazing: Fully glazed on both sides. with a black silkscreen on the perimeter on each Panel or door surface.

Glazing: Tempered as per ASTM C1048-92.

Glazing Thickness, Partitions: 1/2 inch (12 mm) laminated glass per ASTM C1172.

Glazing Thickness, Doors: 0.394 inches (10 mm) laminated glass per ASTM C1172.

* + - * 1. Leading Vertical Panel Edges: Incorporates a tongue with two vinyl gaskets to nest into the vertical recess in the edge of the adjoining panel creating a positive, interlocking joint that provides partition stability, alignment, and sound control.
        2. Horizontal Seals: Not to exceed the partition width to prevent damage while handling.
        3. Top and Bottom Horizontal Seals: Continuous contact, multi-layer, vinyl sweep seals.

Top Seals: Maintain contact with the track.

Bottom Seals: Maintain contact with the floor or other surface along the path of the movable partitions.

* + - 1. Suspension System:
         1. Track: Architectural grade extruded aluminum alloy 6063-T6.

Finish: Clear anodized.

Integral Support: Provided from adjoining ceiling, soffit, or plenum sound barrier.

Hanger Rod Pairs: 3/8 inch (10 mm) diameter threaded steel. For connecting track to structural supports.

L or T Intersections: Factory assembled and welded.

Built-in Ceiling Trim: Anodized aluminum finish providing enclosure of plenum sound barrier on both sides of track for maximum sound control.

Removable Track Section: For panel removal from track.

* + - * 1. Trolley Assemblies:

Panels to be supported by two-wheel counter-rotating horizontal wheel type trolley assemblies. Two per panel.

Wheels: Precision ground steel ball bearings with heat treated and hardened races encased with molded polymer tires.

* + - * 1. Reliability Testing Report: Showing a test covering 160 kilometers was completed; to be available on request.
      1. Visible Locking Device: On the Hinged Closure Panel acting as a door at either end of the partition, above the door handle.
      2. Finishes:

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

* + - * 1. Aluminum Components: Black anodized.
        2. Aluminum Components: Clear anodized finish.
        3. Aluminum Components: Anodized finish.

Color: As determined by the Architect.

* + - * 1. Aluminum Components: Anodized finish. Color: \_\_\_\_\_\_\_\_.
        2. PVC Trim: Black.
        3. PVC Trim: Grey.
        4. PVC Trim: Beige.
        5. PVC Trim: White.
      1. Operation of Partitions: Top supported and manually operated.
         1. Partition Closure Type: Hinged Closure Panel.

Final Partition Closure: By a full height hinged closure access panel at one end of the opening that hinges from a fixed two-piece adjustable aluminum wall jamb.

Hinged Panel: To be fitted with a push/pull type latch set with optional lockset.

Foot Bolt: To be activated at the bottom of the panel next to the hinged closure panel.

No screws are to be visible on the jamb on either side when looking perpendicular to the panels when deployed.

* + 1. Basis of Design: Omnidirectional glass partitions manually operated, Series G-501 as manufactured by Corflex.
       1. Acoustical Performance:
          1. Partitions: A performance rating of 38 STC.
          2. Documentation: A copy of an Acoustical Test Report certifying that partition was tested and have a performance of 38 STC by an independent accredited laboratory.

Tested Partition: To be fully functional and meet ASTM E90.

Additional Report Data: Partition weight, partition construction, and acoustical seals tested.

* + - 1. Partitions:
         1. Partition Weight: 3.5 and 6.2 lbs per sq ft (17.1 and 30.3 kg per sq m).
         2. Partition Thickness: 2 inches (52 mm).
         3. Partition Frame: Full perimeter extruded aluminum frame.

Frame Width: 2-1/8 inch (54 mm) maximum.

Construction: Interlocking. Reinforcement: Concealed steel corner brackets.

\*\* NOTE TO SPECIFIER \*\* Delete partition glazing options not required.

* + - * 1. Partition Glazing: 1/4 inch (6 mm) thick tempered glass per ASTM C1048-92.
        2. Partition Glazing: 1/2 inch (12 mm) thick tempered glass per ASTM C1048-92.
        3. Partition Glazing: 1/2 inch (12 mm) thick laminated glass per ASTM C1172.
        4. Leading Vertical Partition Edges: Incorporate a tongue with two vinyl gaskets to nest into the vertical recess in the edge of the adjoining panel creating a positive, interlocking joint that provides panel stability and alignment.
        5. Horizontal Seals: Not to exceed the panel width to prevent damage while handling.
        6. Top and Bottom Horizontal Seals: Continuous contact flexible PVC sweep seals.

Top Sweep Seals: Maintain contact with the track.

Bottom Sweep Seals: Maintain contact with the floor or other surface along the path of the movable partitions.

If 1/4 inch (6 mm) glass is used, flexible PVC sweep seals may be replaced by brush sweeps.

Floor tracks are not required. Floor tracks are not acceptable.

* + - 1. Suspension System:
         1. Track: Architectural grade extruded aluminum alloy 6063-T6.

Finish: Clear anodized.

Integral Support: Provided from adjoining ceiling, soffit, or plenum sound barrier.

Hanger Rod Pairs: 3/8 inch (10 mm) diameter threaded steel. For connecting track to structural supports.

L or T Intersections: Factory assembled and welded.

Built-in Ceiling Trim: Anodized aluminum finish providing enclosure of plenum sound barrier on both sides of track for maximum sound control.

Removable Track Section: For partition removal from track.

* + - * 1. Trolley Assemblies:

Partitions to be supported by two-wheel counter-rotating horizontal wheel type trolley assemblies. Two per Partition.

Wheels: Precision ground steel ball bearings with heat treated and hardened races encased with molded polymer tires.

* + - * 1. Reliability Testing Report: Showing a test covering 160 kilometers was completed; to be available on request.
      1. Visible Locking Device: On the Hinged Closure Panel acting as a door at either end of the partition or on an intermediate door, above the door handle.
      2. Finishes:

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

* + - * 1. Aluminum Components: Clear anodized finish.
        2. Aluminum Components: Anodized finish.

Color: As determined by the Architect.

* + - * 1. Aluminum Components: Anodized finish. Color: \_\_\_\_\_\_\_\_\_.
        2. Aluminum Components: Powder coated finish. RAL Color: \_\_\_\_\_\_\_.
        3. Aluminum Components: Powder coated finish.

RAL Color: As determined by the Architect.

* + - * 1. PVC Trim Color: Black.
        2. PVC Trim Color: Grey.
        3. PVC Trim Color: Beige.
        4. PVC Trim Color: White.
      1. Operation of Partitions: Top supported and manually operated.

\*\* NOTE TO SPECIFIER \*\* Delete closure type option not required.

* + - * 1. Partition Closure Type: Hinged Closure Panel.

Final Partition Closure: By a full height hinged closure access panel at one end of the opening that hinges from a fixed two-piece adjustable aluminum wall jamb.

Hinged Door Panel: To be fitted with a lever type latch set or lockset.

Foot Bolt: To be activated at the bottom of the panel next to the hinged closure panel.

ADA Compliant: To facilitate access to rolling material, no threshold is allowed.

* + - * 1. Partition Closure Type: Intermediate Pass Door.

The empty space left with the opening of the intermediate pass door will be utilized as room to move both extremities of the partition to a fixed two-piece adjustable aluminum wall jamb.

Maximum Door Width: 36 inches (914 mm) full partition height and with the same construction as the adjacent panels.

Must be hinged to a 48 inches (1219 mm) wide panel.

Handle: An architectural grade lever type latch set with a keylock on one side.

ADA Compliant: To facilitate access to rolling material, no threshold is allowed.

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

* + - * 1. Panic Bar: Installed on the opposite side of the locking mechanism. Panic bar to be full door width and override the keylock function.
    1. Basis of Design: Omnidirectional glass partitions manually operated, Series G-601 as manufactured by Corflex.
       1. Partitions:
          1. Partition Weight: Approximately: 7.0 lbs per sq ft (34.2 kg per sq m).
          2. Partitions Thickness: 1-5/8 (40 mm). Width: 48 inches (1219 mm).
          3. Partition Faces: 1/2 inch (12 mm) tempered glass per ASTM C1048-92.
          4. Glass Edges: Polished.
          5. Glass is to be mechanically attached to top and bottom rails and not rely on friction and/or adhesives.
          6. Vertical Trims: Should not be visible.
          7. Top Supporting and Bottom Horizontal Rails: Anodized aluminum and incorporate brush seals. Stainless-steel plates capping at both extremities.

Top Profiles: To have 1 inch (25 mm) brush seals that maintain contact with the track.

Bottom Profiles: To have 3/4 inch (19 mm) brush seals that maintain contact with the floor or other surface along the path of the movable wall.

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

Top and Bottom Profile: Anodized aluminum profiles with diagonal edges.

Top and Bottom Profile Finish: Square edged anodized aluminum profiles.

Top and Bottom Profile Finish: Anodized aluminum profiles covered with stainless steel cladding and with brush seals.

* + - * 1. Foot Bolts: For each panel, extends into a floor mounted dust proof receiver to stabilize and secure the panels in the opening. Installed on the edge of the bottom rail of each panel.

A floor recessed, dust proof, stainless steel strike will receive the foot bolt.

* + - 1. Suspension System:
         1. Track: Architectural grade extruded aluminum alloy 6063-T6.

Finish: Clear anodized.

Integral Support: Provided from adjoining ceiling, soffit, or plenum sound barrier.

Hanger Rod Pairs: 3/8 inch (10 mm) diameter threaded steel. For connecting track to structural supports.

L or T Intersections: Factory assembled and welded.

Built-in Ceiling Trim: Anodized aluminum finish providing enclosure of plenum sound barrier on both sides of track for maximum sound control.

Removable Track Section: For partition removal from track.

* + - * 1. Trolley Assemblies:

Partitions to be supported by two-wheel counter-rotating horizontal wheel type trolley assemblies. Two per Partition.

Wheels: Precision ground steel ball bearings with heat treated and hardened races encased with molded polymer tires.

* + - * 1. Reliability Testing Report: Showing a test covering 160 kilometers was completed; to be available on request.
      1. Visible Locking Device: On the last panel, pivot door or intermediate door of the partition. Installed in the bottom rail.
      2. Finishes:
         1. Aluminum Components: Clear anodized finish.
         2. Aluminum Components: Anodized finish.

Color: As determined by the Architect.

* + - * 1. Aluminum Components: Anodized finish. Color: \_\_\_\_\_\_\_\_.
        2. Aluminum Components: Powder coated finish. RAL Color: \_\_\_\_\_\_\_.
        3. Aluminum Components: Powder coated finish.

RAL Color: As determined by the Architect.

* + - 1. Operation of Partitions: Top supported and manually operated.

\*\* NOTE TO SPECIFIER \*\* Delete the closure type options not required.

* + - * 1. Partition Closure Type: Pivot Panel.

Final Partition Closure: To be by a full height pivot panel with identical construction as the adjacent panel. An aluminum ladder pull handle is to be installed on both sides of the pivot panel.

\*\* NOTE TO SPECIFIER \*\* Delete the following three options not required.

Key Activated Floor Bolt: Accessible from both sides. A stainless steel floor recessed dust proof strike receives the floor bolt latch.

Key Activated Floor Bolt: Accessible on one side and a turn button on the other side. A stainless steel floor recessed dust proof strike receives the foot bolt latch.

Floor Recessed Automatic Door Closer: With a 90 degree hold open feature.

* + - * 1. Partition Closure Type: Against the Wall:

Final Partition Closure: Is to be by the last panel positioned in the opening. The partition will be locked in place with a floor bolt.

\*\* NOTE TO SPECIFIER \*\* Delete the following foot bolt option not required.

Key Activated Floor Bolt: Accessible from both sides. A stainless steel floor recessed dust proof strike receives the foot bolt latch.

Key Activated Floor Bolt: Accessible on one side and a turn button on the other side. A stainless steel floor recessed dust proof strike receives the foot bolt latch.

* + - * 1. Partition Closure Type:

Intermediate Pass Door:

The empty space left with the opening of the intermediate pass door will be utilized as room to move both extremities of the partition.

Maximum Door Width: 32 inches (813 mm) full partition height and free of vertical trims.

Top and Bottom Hinges: Allow 180 degree rotation.

No threshold, to facilitate access to rolling material.

Magnetic Hold Open Bumpers: Two pairs, to secure the door while the panel is being moved.

Aluminum Push/Pull Hardware: Must permit a 180 degree door opening.

The space left by the opening of an intermediate door will serve as clearance to stack both extremities of the operable partition against the walls.

* + 1. Basis of Design: Omnidirectional glass partitions manually operated, Series G-701 as manufactured by Corflex.
       1. Acoustical Performance:
          1. Partitions: A performance rating of 44 STC.
          2. Documentation: A copy of an Acoustical Test Report certifying that partition was tested and have a performance of 44 STC by an independent accredited laboratory.

Tested Partition: To be fully functional and meet ASTM E90.

Additional Report Data: Partition weight, partition construction, and acoustical seals tested.

* + - 1. Partitions:
         1. Partition Weight: Between 9 and 9.5 lbs per sq ft (44 and 47 kg per sq m) depending on glass thickness.
         2. Partition Thickness: 3 inches (76 mm).
         3. Partition Frame: Full perimeter extruded aluminum frame.

Frame Width: 2-3/8 inch (60 mm) maximum.

Construction: Interlocking. Reinforcement: Concealed steel corner brackets.

\*\* NOTE TO SPECIFIER \*\* Delete partition glazing options not required.

* + - * 1. Partition Glazing: Single tempered per ASTM C1048-92.Thickness: 1/2 inch (12 mm).
        2. Partition Glazing: Sealed double glazed tempered glass per ASTM C1048-92.

Thickness: 1-1/2 inch (38 mm).

* + - * 1. Partition Glazing: Sealed double glazed tempered glass per ASTM C1048-92.

Thickness: 2 inch (51 mm).

* + - * 1. Leading Vertical Panel Edges: Incorporate a tongue with two vinyl gaskets to nest into the vertical recess in the edge of the adjoining panel creating a positive, interlocking joint that provides partition stability, panel alignment, and sound control.
        2. Horizontal Seals: Not to exceed the panel width to prevent damage while handling.

Top Horizontal Seals: Continuous contact, multi-layer, vinyl sweep seals.

Maintains contact with the track.

\*\* NOTE TO SPECIFIER \*\* Delete bottom horizontal seal option not required.

Bottom Horizontal Seals: Continuous contact, multi-layer, vinyl sweep seals.

Maintains contact with the floor or other surface along the path of the movable wall.

Bottom Horizontal Seals: Operated by a removable handle located approximately 11 inches (280 mm) from the floor at panel edge.

Seal Operation: To require no more than 180 degree handle turn.

Operating Clearance: 1 inch (25 mm) nominal to make manipulation of partitions easier and to accommodate a slight deflection of the support beam or floor out of level.

A stabilizing downward pressure must be exerted when seals are activated.

* + - 1. Suspension System:
         1. Track: Architectural grade extruded aluminum alloy 6063-T6.

Finish: Clear anodized.

Integral Support: Provided from adjoining ceiling, soffit, or plenum sound barrier.

Hanger Rod Pairs: 3/8 inch (10 mm) diameter threaded steel. For connecting track to structural supports.

L or T Intersections: Factory assembled and welded.

Built-in Ceiling Trim: Anodized aluminum finish providing enclosure of plenum sound barrier on both sides of track for maximum sound control.

Removable Track Section: For partition removal from track.

* + - * 1. Trolley Assemblies:

Partitions to be supported by two-wheel counter-rotating horizontal wheel type trolley assemblies. Two per Partition.

Wheels: Precision ground steel ball bearings with heat treated and hardened races encased with molded polymer tires.

* + - * 1. Reliability Testing Report: Showing a test covering 160 kilometers was completed; to be available on request.
      1. Visible Locking Device: On the last or second to last partition. Installed in the bottom rail.
      2. Finishes:

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

* + - * 1. Aluminum Components: Clear anodized finish.
        2. Aluminum Components: Anodized finish.

Color: As determined by the Architect.

* + - * 1. Aluminum Components: Anodized finish. Color: \_\_\_\_\_\_\_\_.
        2. Aluminum Components: Powder coated finish. RAL Color: \_\_\_\_\_\_\_.
        3. Aluminum Components: Powder coated finish.

RAL Color: As determined by the Architect.

* + - * 1. PVC Trim Color: Black.
        2. PVC Trim Color: Grey.
        3. PVC Trim Color: Beige.
        4. PVC Trim Color: White.
      1. Operation of Panels: Top supported and manually operated.

\*\* NOTE TO SPECIFIER \*\* Delete closure type option not required.

* + - * 1. Partition Closure Type: Hinged Closure Panel.

Final Partition Closure: By a full height hinged closure access partition at one end of the opening that hinges from a fixed two-piece adjustable aluminum wall jamb.

Hinged Panel: To be fitted with a lever type latch set or lockset.

Foot Bolt: To be activated at the bottom of the panel next to the hinged closure panel.

ADA Compliant: To facilitate access to rolling material, no threshold is allowed.

* + - * 1. Partition Closure Type: Expandable Closure Panel.

Provides a positive pressure seal to achieve maximum sound control.

Finish: The same as the operable partitions.

Removable Activation Lever: Accessible from both sides of the partition.

Compensates for out of plumb conditions or minor wall irregularities.

* + - * 1. Partition Closure Type: Intermediate Pass Door.

The empty space left with the opening of the intermediate pass door will be utilized as room to move both extremities of the partition to a fixed two-piece adjustable aluminum wall jamb.

Maximum Door Width: 36 inches (914 mm) full panel height and have the same construction as the adjacent panels.

Must be hinged to a 48 inches (1219 mm) wide panel.

Handle: An architectural grade lever type latch set with a keylock on one side.

ADA Compliant: To facilitate access to rolling material, no threshold is allowed.

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

* + - * 1. Panic Bar: Installed on the opposite side of the locking mechanism. Panic bar to be full door width and override the keylock function.

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

* 1. GLASS PARTITIONS, PARALLEL AND MANUALLY OPERATED
     1. Basis of Design: Parallel glass partitions manually operated, Series G-500P as manufactured by Corflex.
        1. Partitions:
           1. Partition Weight: 3.5 and 6.2 lbs per sq ft (17.1 and 30.3 kg per sq m).
           2. Partition Thickness: 2 inches (52 mm).
           3. Partition Frame: Full perimeter extruded aluminum frame.

Frame Width: 2-1/8 inch (54 mm) maximum.

Construction: Interlocking. Reinforcement: Concealed steel corner brackets.

* + - * 1. Partition Glazing: 1/4 inch (6 mm) thick tempered glass per ASTM C1048-92.
        2. Partition Glazing: 1/2 inch (12 mm) thick tempered glass per ASTM C1048-92.
        3. Partition Glazing: 1/2 inch (12 mm) thick laminated glass per ASTM C1172.
        4. Partitions are to have a vertical hooking trim on the trail frame section face, which engages the adjacent partition while moving forward and carries it along in its path.

Horizontal Guide: At bottom of each partition, to avoid separation of the partitions during wall deployment using an aluminum bracket and Delrin glider.

Horizontal Seals: Must not exceed the partition width to prevent damage while handling.

Top and Bottom Seals: Continuous contact flexible PVC sweeps.

Top Sweeps: Maintain contact with the track.

Bottom Sweeps: Maintain contact with the floor or other surface along the path of the movable partitions.

Floor track is not required. Floor track is not acceptable.

* + - 1. Suspension System:
         1. Tracks: Architectural grade extruded aluminum alloy 6063-T6.

Finish: Clear anodized.

Multiple rows (2 to 5) of tracks.

Integral Support: Provided from adjoining ceiling, soffit, or plenum sound barrier.

Hanger Rod Pairs: 3/8 inch (10 mm) diameter threaded steel. For connecting track to structural supports.

Ceiling Trims: Added if required. Anodized aluminum finish.

Removable Track Section: For partition removal from track.

* + - * 1. Trolley Systems:

Partitions to be supported by four wheel trolley assemblies. Two per panel.

Wheels: Four steel ball bearing nylon coated wheels.

* + - * 1. Reliability Testing Report: Showing a test covering 160 kilometers was completed; to be available on request.
      1. Finishes:

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

* + - * 1. Aluminum Components: Clear anodized finish.
        2. Aluminum Components: Anodized finish.

Color: As determined by the Architect.

* + - * 1. Aluminum Components: Anodized finish. Color: \_\_\_\_\_\_\_\_.
        2. PVC Trim: Black.
        3. PVC Trim: Grey.
        4. PVC Trim: Beige.
        5. PVC Trim: White.
      1. Operation of Partitions: Top supported and manually operated.
         1. Pulling the lead panel of the wall automatically engages the other panels, one by one, while moving forward.

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

* + - * 1. Partition Locking Device: A deadlock with Hook-bolt on the lead panel of the partition will lock it into a wall mounted two-piece aluminum jamb.
    1. Basis of Design: Parallel glass partitions manually operated, Series G-600P as manufactured by Corflex.
       1. Partitions:
          1. Partition Weight: Approximately: 7.0 lbs per sq ft (34.2 kg per sq m).
          2. Partitions Thickness: 1-5/8 (40 mm). Width: 48 inches (1219 mm).
          3. Partition Faces: 1/2 inch (12 mm) tempered glass per ASTM C1048-92.
          4. Glass Edges: Polished.
          5. Glass is to be mechanically attached to top and bottom rails and not rely on friction and/or adhesives.
          6. Vertical Trims: Should not be visible.
          7. Top Supporting and Bottom Horizontal Rails: Anodized aluminum and incorporate brush light seals. Stainless-steel plates capping both extremities.

Top Profiles: To have 1 inch (25 mm) brush seals that maintain contact with the track.

Bottom Profiles: To have 3/4 inch (19 mm) brush seals that maintain contact with the floor or other surface along the path of the movable wall.

\*\* NOTE TO SPECIFIER \*\* Delete top and bottom profile finish options not required.

* + - * 1. Top and Bottom Profile: Standard anodized aluminum profiles with diagonal edges.
        2. Top and Bottom Profile: Square edged anodized aluminum profiles.
        3. Top and Bottom Profile: Standard anodized aluminum profiles covered with stainless steel cladding.
        4. Foot Bolts: For each panel, key activated and extending into a floor mounted receiver to stabilize and secure panels in the opening. Installed on the face of the bottom rail of each panel.

A floor recessed, dust proof, stainless steel strike will receive the foot bolt.

* + - 1. Suspension System:
         1. Tracks: Architectural grade extruded aluminum alloy 6063-T6.

Finish: Clear anodized.

Multiple rows (2 to 5) of tracks.

Integral Support: Provided from adjoining ceiling, soffit, or plenum sound barrier.

Hanger Rod Pairs: 3/8 inch (10 mm) diameter threaded steel. For connecting track to structural supports.

Ceiling Trims: Added if required. Anodized aluminum finish.

Removable Track Section: For partition removal from track.

* + - * 1. Trolley Systems:

Partitions to be supported by four wheel type trolley assemblies. Two per panel.

Wheels: Four steel ball bearing nylon coated wheels.

* + - * 1. Reliability Testing Report: Showing a test covering 160 kilometers was completed; to be available on request.
      1. Finishes:

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

* + - * 1. Aluminum Components: Clear anodized finish.
        2. Aluminum Components: Anodized finish. Color: As determined by the Architect.
        3. Aluminum Components: Anodized finish. Color: \_\_\_\_\_\_\_\_.
        4. Aluminum Components: Powder coated finish. RAL Color: \_\_\_\_\_\_\_.
        5. Aluminum Components: Powder coated finish. RAL Color: As determined by the Architect.
      1. Operation of Partitions: Top supported and manually operated.

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

* 1. GLASS PARTITIONS, PAIRED AND MANUALLY OPERATED
     1. Basis of Design: Paired glass partitions manually operated, Series G-502 as manufactured by Corflex.
        1. Acoustical Performance:
           1. Partitions: A performance rating of 38 STC.
           2. Documentation: A copy of an Acoustical Test Report certifying that partition was tested and have a performance of .38 STC by an independent accredited laboratory.

Tested Partition: To be fully functional and meet ASTM E90.

Additional Report Data: Partition weight, partition construction, and acoustical seals tested.

* + - 1. Partitions:
         1. Partition Weight: 3.5 and 6.2 lbs per sq ft (17.1 and 30.3 kg per sq m).
         2. Partition Thickness: 2 inches (52 mm).
         3. Partition Frame: Full perimeter extruded aluminum frame.

Frame Width: 2-1/8 inch (54 mm) maximum.

Construction: Interlocking. Reinforcement: Concealed steel corner brackets.

\*\* NOTE TO SPECIFIER \*\* Delete partition glazing options not required.

* + - * 1. Partition Glazing: 1/4 inch (6 mm) thick tempered glass per ASTM C1048-92.
        2. Partition Glazing: 1/2 inch (12 mm) thick tempered glass per ASTM C1048-92.
        3. Partition Glazing: 1/2 inch (12 mm) thick laminated glass per ASTM C1172.

STC: 38.

* + - * 1. Leading Vertical Panel Edges: Incorporate a tongue with two vinyl gaskets to nest into the vertical recess in the edge of the adjoining panel creating a positive, interlocking joint that provides panel stability and alignment.
        2. Horizontal Seals: Not to exceed the panel width to prevent damage while handling.
        3. Top and Bottom Horizontal Seals: Continuous contact flexible PVC sweep seals.

Top Sweep Seals: Maintain contact with the track.

Bottom Sweep Seals: Maintain contact with the floor or other surface along the path of the movable partitions.

If 1/4 inch (6 mm) glass is used, flexible PVC sweep seals may be replaced by brush sweeps.

Floor tracks are not required. Floor tracks are not acceptable.

* + - 1. Suspension System:
         1. Track: Architectural grade extruded aluminum alloy 6063-T6.

Finish: Clear anodized.

Integral Support: Provided from adjoining ceiling, soffit, or plenum sound barrier.

Hanger Rod Pairs: 3/8 inch (10 mm) diameter threaded steel. For connecting track to structural supports.

Built-in Ceiling Trim: Encloses sound barrier plenum on both sides of track. Finish: Anodized aluminum.

Removable Track Section: For partition removal from track.

* + - * 1. Trolley Assemblies:

Partitions to be supported by two vertical wheel trolley assemblies. One per panel.

Wheels: Two steel ball bearing nylon coated wheels.

* + - * 1. Reliability Testing Report: Showing a test covering 160 kilometers was completed; to be available on request.
      1. Finishes:

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

* + - * 1. Aluminum Components: Clear anodized finish.
        2. Aluminum Components: Anodized finish.

Color: As determined by the Architect.

* + - * 1. Aluminum Components: Anodized finish. Color: \_\_\_\_\_\_\_\_\_.
        2. Aluminum Components: Powder coated finish. RAL Color: \_\_\_\_\_\_\_.
        3. Aluminum Components: Powder coated finish.

RAL Color: As determined by the Architect.

* + - * 1. PVC Trim Color: Black.
        2. PVC Trim Color: Grey.
        3. PVC Trim Color: Beige.
        4. PVC Trim Color: White.
      1. Operation of Partitions: Top supported and manually operated.
         1. Partition Closure Type: Hinged Closure Panel.

Final Partition Closure: By a full height hinged closure access panel at one end of the opening that hinges from a fixed two-piece adjustable aluminum wall jamb.

Hinged Panel: To be fitted with a lever type latch set or lockset.

Foot Bolt: To be activated at the bottom of the panel next to the hinged closure panel.

ADA Compliant: To facilitate access to rolling material, no threshold is allowed.

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

* + - * 1. Panic Bar: Installed on the opposite side of the locking mechanism. Panic bar to be full door width and override the keylock function.
    1. Basis of Design: Paired glass partitions manually operated, Series G-602 as manufactured by Corflex.
       1. Partitions:
          1. Partition Weight: Approximately: 7.0 lbs per sq ft (34.2 kg per sq m).
          2. Partitions Thickness: 1-5/8 (40 mm). Width: 48 inches (1219 mm).
          3. Partition Faces: 1/2 inch (12 mm) tempered glass per ASTM C1048-92.
          4. Glass Edges: Polished.
          5. Glass is to be mechanically attached to top and bottom rails and not rely on friction and/or adhesives.
          6. Vertical Trims: Should not be visible.
          7. Top Supporting and Bottom Horizontal Rails: Anodized aluminum and incorporate brush light seals. Stainless-steel plates capping both extremities.

Top Profiles: To have 1 inch (25 mm) brush seals that maintain contact with the track.

Bottom Profiles: To have 3/4 inch (19 mm) brush seals that maintain contact with the floor or other surface along the path of the movable wall.

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

Top and Bottom Profile: Anodized aluminum profiles with diagonal edges.

Top and Bottom Profile: Square edged anodized aluminum profiles.

Top and Bottom Profile: Anodized aluminum profiles covered with stainless steel cladding.

* + - * 1. Foot Bolts: For each panel, extends into a floor mounted dust proof receiver to stabilize and secure the panels in the opening. Installed on the edge of the bottom rail of each panel.

A floor recessed, dust proof, stainless steel strike will receive the foot bolt.

* + - 1. Suspension System:
         1. Track: Architectural grade extruded aluminum alloy 6063-T6.

Finish: Clear anodized.

Integral Support: Provided from adjoining ceiling, soffit, or plenum sound barrier.

Hanger Rod Pairs: 3/8 inch (10 mm) diameter threaded steel. For connecting track to structural supports.

Built-in Ceiling Trim: Anodized aluminum finish providing enclosure of plenum sound barrier on both sides of track for maximum sound control.

Removable Track Section: For partition removal from track.

* + - * 1. Trolley Assemblies:

Partitions to be supported by two vertical wheel trolley assemblies. One per panel.

Wheels: Two steel ball bearing nylon coated wheels.

* + - * 1. Reliability Testing Report: Showing a test covering 160 kilometers was completed; to be available on request.
      1. Finishes:
         1. Aluminum Components: Clear anodized finish.
         2. Aluminum Components: Anodized finish.

Color: As determined by the Architect.

* + - * 1. Aluminum Components: Anodized finish. Color: \_\_\_\_\_\_\_\_.
        2. Aluminum Components: Powder coated finish.

RAL Color: As determined by the Architect.

RL Color: \_\_\_\_\_\_\_\_

* + - 1. Operation of Partitions: Top supported and manually operated.

\*\* NOTE TO SPECIFIER \*\* Delete the closure type options not required.

* + - * 1. Partition Closure Type: Pivot Panel.

Final Partition Closure: To be by a full height pivot partition and have an identical construction as the adjacent panel. An aluminum ladder pull handle is to be installed on both sides of the pivot panel.

\*\* NOTE TO SPECIFIER \*\* Delete the following three options not required.

Key Activated Floor Bolt: Accessible from both sides. A stainless steel floor recessed dust proof strike receives the floor bolt latch.

Key Activated Floor Bolt: Accessible on one side and a turn button on the other side. A stainless steel floor recessed dust proof strike receives the Floor bolt latch.

Floor Recessed Automatic Door Closer: With a 90 degree hold open feature.

* + - * 1. Partition Closure Type: Against the Wall:

Final Partition Closure: Is to be by the last panel positioned in the opening. The panel will be locked in place with a foot bolt.

\*\* NOTE TO SPECIFIER \*\* Delete the following foot bolt option not required.

Key Activated Floor Bolt: Accessible from both sides. A stainless steel floor recessed dust proof strike receives the floor bolt latch.

Key Activated Floor Bolt: Accessible on one side and a turn button on the other side. A stainless steel floor recessed dust proof strike receives the floor bolt latch.

* + 1. Basis of Design: Paired glass partitions manually operated, Series G-702 as manufactured by Corflex.
       1. Acoustical Performance:
          1. Partitions: A performance rating of 44 STC.
          2. Documentation: A copy of an Acoustical Test Report certifying that partition was tested and have a performance of 44 STC by an independent accredited laboratory.

Tested Partition: To be fully functional and meet ASTM E90.

Additional Report Data: Partition weight, partition construction, and acoustical seals tested.

* + - 1. Partitions:
         1. Partition Weight: Between 9 and 9.5 lbs per sq ft (44 and 47 kg per sq m) depending on glass thickness.
         2. Partition Thickness: 3 inches (76 mm).
         3. Partition Frame: Full perimeter extruded aluminum frame.

Frame Width: 2-3/8 inch (60 mm) maximum.

Construction: Interlocking. Reinforcement: Concealed steel corner brackets.

\*\* NOTE TO SPECIFIER \*\* Delete partition glazing options not required.

* + - * 1. Partition Glazing: Single tempered per ASTM C1048-92.

Thickness: 1/2 inch (12 mm).

* + - * 1. Partition Glazing: Sealed double glazed tempered glass per ASTM C1048-92.

Thickness: 1-1/2 inch (38 mm).

* + - * 1. Partition Glazing: Sealed double glazed tempered glass per ASTM C1048-92.

Thickness: 2 inch (51 mm).

* + - * 1. Leading Vertical Panel Edges: Incorporate a tongue with two vinyl gaskets to nest into the vertical recess in the edge of the adjoining panel creating a positive, interlocking joint that provides partition stability, panel alignment, and sound control.
        2. Horizontal Seals: Not to exceed the panel width to prevent damage while handling.

Top Horizontal Seals: Continuous contact, multi-layer, vinyl sweep seals.

Maintains contact with the track.

\*\* NOTE TO SPECIFIER \*\* Delete bottom horizontal seal option not required.

Bottom Horizontal Seals: Continuous contact, multi-layer, vinyl sweep seals.

Maintains contact with the floor or other surface along the path of the movable wall.

Bottom Horizontal Seals: Operated by a removable handle located approximately 11 inches (280 mm) from the floor at panel edge.

Seal Operation: To require no more than 180 degree handle turn.

Operating Clearance: 1 inch (25 mm) nominal to make manipulation of partitions easier and to accommodate a slight deflection of the support beam or floor out of level.

A stabilizing downward pressure must be exerted when seals are activated.

* + - 1. Suspension System:
         1. Track: Architectural grade extruded aluminum alloy 6063-T6.

Finish: Clear anodized.

Integral Support: Provided from adjoining ceiling, soffit, or plenum sound barrier.

Hanger Rod Pairs: 3/8 inch (10 mm) diameter threaded steel. For connecting track to structural supports.

Built-in Ceiling Trim: Anodized aluminum finish providing enclosure of plenum sound barrier on both sides of track for maximum sound control.

Removable Track Section: For partition removal from track.

* + - * 1. Trolley Assemblies:

Partitions to be supported by two-wheel counter-rotating horizontal wheel type trolley assemblies. Two per Partition.

Wheels: Precision ground steel ball bearings with heat treated and hardened races encased with molded polymer tires.

* + - * 1. Reliability Testing Report: Showing a test covering 160 kilometers was completed; to be available on request.
      1. Finishes:

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

* + - * 1. Aluminum Components: Clear anodized finish.
        2. Aluminum Components: Anodized finish.

Color: As determined by the Architect.

* + - * 1. Aluminum Components: Anodized finish. Color: \_\_\_\_\_\_\_\_.
        2. Aluminum Components: Powder coated finish. RAL Color: \_\_\_\_\_\_\_.
        3. Aluminum Components: Powder coated finish.

RAL Color: As determined by the Architect.

* + - * 1. PVC Trim Color: Black.
        2. PVC Trim Color: Grey.
        3. PVC Trim Color: Beige.
        4. PVC Trim Color: White.
      1. Operation of Partitions: Top supported and manually operated.

\*\* NOTE TO SPECIFIER \*\* Delete closure type option not required.

* + - * 1. Partition Closure Type: Hinged Closure Panel.

Final Partition Closure: By a full height hinged closure access panel at one end of the opening that hinges from a fixed two-piece adjustable aluminum wall jamb.

Hinged Panel: To be fitted with a lever type latch set or lockset.

Foot Bolt: To be activated at the bottom of the panel next to the hinged closure panel.

ADA Compliant: To facilitate access to rolling material, no threshold is allowed.

* + - * 1. Partition Closure Type: Expandable Closure Panel.

Provides a positive pressure seal to achieve maximum sound control.

Finish: The same as the operable partitions.

Removable Activation Lever: Accessible from both sides of the partition.

Compensates for out of plumb conditions or minor wall irregularities.

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

* + - * 1. Panic Bar: Installed on the opposite side of the locking mechanism of a hinged closure door. Panic bar to be full door width and override the keylock function.

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

* 1. GLASS PARTITIONS, TOP SUPPORTED AND MOTOR OPERATED
     1. Basis of Design: Top supported motorized glass partitions, Series G 600M as manufactured by Corflex.
        1. Partitions:
           1. Partition Weight: Approximately: 7.0 lbs per sq ft (34.2 kg per sq m).
           2. Partitions Thickness: 1-5/8 (40 mm). Width: 48 inches (1219 mm).
           3. Partition Faces: 1/2 inch (12 mm) tempered glass per ASTM C1048-92.
           4. Glass Edges: Polished.
           5. Glass is to be mechanically attached to top and bottom rails and not rely on friction and/or adhesives.
           6. Vertical Trims: Should not be visible.
           7. Top Supporting and Bottom Horizontal Rails: Anodized aluminum and incorporate brush seals. Stainless-steel plates capping both extremities.

Top Profiles: To have 1 inch (25 mm) brush seals that maintain contact with the track.

Bottom Profiles: To have 3/4 inch (19 mm) brush seals that maintain contact with the floor or other surface along the path of the movable wall.

\*\* NOTE TO SPECIFIER \*\* Delete top and bottom profile finish options not required.

* + - * 1. Top and Bottom Profile: Standard anodized aluminum profiles with diagonal edges.
        2. Top and Bottom Profile: Square edged anodized aluminum profiles.
        3. Top and Bottom Profile Finish: Standard anodized aluminum profiles covered with stainless steel cladding.
      1. Finishes:
         1. Aluminum Components: Clear anodized finish.
         2. Aluminum Components: Anodized finish.

Color: As determined by the Architect.

* + - * 1. Aluminum Components: Anodized finish. Color: \_\_\_\_\_\_\_\_.
        2. Aluminum Components: Powder coated finish. RAL Color: \_\_\_\_\_\_\_.
        3. Aluminum Components: Powder coated finish.

RAL Color: As determined by the Architect.

* + - 1. Suspension System:
         1. Track: Architectural grade extruded aluminum alloy 6063-T6.

Finish: Clear anodized.

Integral Support: Provided from adjoining ceiling, soffit, or plenum sound barrier.

Hanger Rod Pairs: 3/8 inch (10 mm) diameter threaded steel. For connecting track to structural supports.

Precise alignment is required at trolley running surfaces.

Guide pins are to ensure perfect alignment of track joints.

Built-in Ceiling Trim: Anodized aluminum finish providing enclosure of plenum sound barrier on both sides of track for maximum sound control.

Removable Track Section: For partition removal from track.

* + - * 1. Wheeled Carriers:

Two 4-wheeled carriers support each panel.

Wheels: Hardened steel ball bearings encased in molded polymer tires.

* + - * 1. Reliability Testing Report: Showing a test covering 160 kilometers was completed; to be available on request.
      1. Factory Assembled Power Unit:
         1. UL listed. Includes motor, torque limiter and brake.
         2. One key control station wired in series with two activation push button, emergency release, and all necessary equipment for electric operation.
         3. Drive Unit: Includes a variable frequency system featuring a slow start and slow stop operation in order to extend life span and minimize maintenance cost.
         4. Roller Chain Drive: Attach to carrier of lead panel.
         5. Limit Switches: Provided to prevent over-travel.
         6. Motor: 60 Hz, 200-240 Volt Single Phase with adequate horsepower to operate partition effectively.
      2. Operation:
         1. For increased safety, operable partitions are equipped with one key control station wired in series with two activation push buttons, located on each side of the partition ensuring supervised operation of the partition system in order to prevent injuries.
         2. Motor drive shall automatically seal the partition in the opening.
         3. Partitions are retracted and stored by turning the key switch in the proper position and activating two push button controls simultaneously.
  1. OPERABLE PARTITIONS, OMNIDIRECTIONAL AND MANUALLY OPERATED
     1. Basis of Design: Omnidirectional panel partitions manually operated; Series 4600 as manufactured by Corflex.
        1. Standards Compliance:
           1. Fire hazard classification: ASTM E84.
           2. Sound transmission coefficient: ASTM E90.
        2. Acoustical Performance

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

* + - * 1. Panels: 34 STC.
        2. Panels: 47 STC.
        3. Acoustical Test Report: Certifying panel was tested by an independent accredited laboratory.

Partition Tested: Must be fully functional.

* + - 1. Size: 12 X 8 ft (3657 X 2438 mm).

Meet ASTM-E90.

Test Results: Must be similar to or exceed performance specified.

Report must show the weight and the panel construction as well as acoustical seals tested.

* + - * 1. Panel Weight: 4.9 to 7.1 lbs per sq ft (23.9 to 34.7 kg per sq m) according to selected STC.
      1. Panels: Full perimeter extruded aluminum frame. Thickness: 3 inches (76 mm).
      2. Panel Finish: Factory applied.

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

* + - * 1. Reinforced Vinyl Fabric: Woven backing. Weight: 15 oz per yard (465 grams per m).

Color: Selected from manufacturer's standard color selector.

* + - * 1. Standard fabrics: Acrylic backing and stain resistant coating.

Color: Selected from manufacturer's standard colour selector.

* + - * 1. Vertical Ribbed Acoustical Carpet: Weight: 24 oz per yard (744 grams per m).

Color: Selected from manufacturer's standard color selector.

* + - * 1. High pressure laminate:

Color: Selected from manufacturer's standard color selector.

* + - * 1. Full Height Steel White board: To be used as a working surface.
        2. Full-height porcelain: 2 layers of glazed enamel applied to a 0.4 mm thick sheet of steel and cooked at very high temperature. To be used as a work surface.
        3. Customer Supplied, Subject to manufacturer's approval:

Material: \_\_\_\_\_\_\_\_.

* + - * 1. Custom: \_\_\_\_\_\_\_\_.
      1. Panel Seals:
         1. leading vertical edge of panels: A tongue with two vinyl gaskets nest into the vertical recess in the edge of the adjoining panel creating a positive, interlocking joint.
         2. Horizontal Seals: Not to exceed panel width.
         3. Choose:
         4. Top and bottom horizontal seals: Continuous contact, multi-layer, vinyl sweeps.

Top seals: maintain contact with the track.

\*\* NOTE TO SPECIFIER \*\* Delete bottom seal option not required.

Bottom Horizontal Seals: Maintain contact with the floor or other surface along the path of the movable wall.

Bottom Horizontal Seals: Operated by a removable handle located 11 inches (280 mm) from the floor at panel edge.

Seal Operation: To require no more than 180 degree handle turn.

Stabilizing downward pressure must be exerted when seals are activated.

Provide 1 inch (25 mm) nominal operating clearance.

* + - 1. Suspension System:
         1. Track: Clear anodized architectural grade extruded aluminum alloy 6063-T6. Provides integral support for adjoining ceiling, soffit, or plenum sound barrier.

Mounting: Connected to structural supports by pairs of 3/8 inch (10 mm) diameter threaded steel hanger rods.

L or T Intersections: Factory assembled and welded.

Built-in Ceiling Trim: Anodized aluminum providing enclosure of plenum sound barrier on both sides of track.

Removable Track Section: For panels to be removed from the track.

Panel Support: Two dual horizontal wheel type trolley assemblies.

Wheels: Precision ground steel ball bearings, heat treated and hardened races, encased in Delrin tires.

Reliability Test Report: Covering a distance of 160 kilometers was completed must be available on request.

* + - 1. Finishes:

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

* + - * 1. Aluminum Panel Components: Clear anodized.
        2. Aluminum Panel Components: Black anodized finish.
        3. Aluminum Panel Components: Other anodized finish.
        4. Aluminum Panel Components: Powder coated in Corflex standard Beige.
        5. Aluminum Panel Components: Powder coated in Corflex standard Black.
        6. Aluminum Panel Components: Powder coated in Corflex standard Grey.
        7. Aluminum Panel Components: Powder coated in Corflex standard White.
        8. Aluminum Panel Components: Powder coated finish from RAL selector.
        9. Vinyl and PJC Trim will be: Beige.
        10. Vinyl and PJC Trim will be: Black.
        11. Vinyl and PJC Trim will be: Grey
        12. Vinyl and PJC Trim will be: White.
    1. Basis of Design: Omnidirectional panel partitions manually operated; Series 5600 as manufactured by Corflex.
       1. Standards Compliance:
          1. Fire hazard classification: ASTM E84.
          2. Sound transmission coefficient: ASTM E90.
          3. Sound insulation classification: ASTM E336, ASTM E413.
       2. Acoustical Performance

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

* + - * 1. Panels: 43 STC.
        2. Panels: 47 STC.
        3. Panels: 50 STC.
        4. Panels: 52 STC.
        5. Panels: 54 STC.
        6. Acoustical Test Report: Certifying panel was tested by an independent accredited laboratory.

Partition Tested: Must be fully functional.

Size: 12 x 8 ft (3657 x 2438mm).

Meet ASTM-E90.

Test Results: Must be similar to or exceed performance specified.

Report must show the weight and the panel construction as well as acoustical seals tested.

* + - * 1. Panel Weight: 6.1 to 11.9 lbs per sq ft (30 to 58 kg per sq m) according to selected STC.
      1. Panels: Full perimeter steel frame. Thickness: 3-5/8 inches (92 mm).
         1. Panel Faces: Removable and replaceable on site.
         2. Reinforcing Channels: 18 gauge (1.3 mm) steel, installed horizontally inside every panel and spaced at 24 to 36 inches (610 to 914 mm) c/c.

Channel Dimensions: 2 x 2 inches (51 x 51 mm) and will ensure a higher impact and torsional capacity.

* + - * 1. Frames: Fully enclose surface material edges, providing protection upon handling and stacking of operable partitions.

Material: Minimum 16 gauge (1.6 mm) steel.

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

Finish: Powder coated. Color: Beige.

Finish: Powder coated. Color: Black.

Finish: Powder coated. Color: Grey.

Finish: Powder coated. Color: White.

Not Acceptable: Trimless panels not providing finish and edge protection. All trims and seals are to match the color of the panel framing.

* + - 1. Panel Finish: Factory applied.

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

* + - * 1. Reinforced Vinyl Fabric: Woven backing. Weight: 15 oz per yard (465 grams per m).

Color: Selected from manufacturer's standard color selector.

* + - * 1. Standard fabrics: Acrylic backing and stain resistant coating.

Color: Selected from manufacturer's standard colour selector.

* + - * 1. Vertical Ribbed Acoustical Carpet: Weight: 24 oz per yard (744 grams per m).

Color: Selected from manufacturer's standard colour selector.

* + - * 1. High pressure laminate:

Color: Selected from manufacturer's standard colour selector.

* + - * 1. Full Height Steel White board: To be used as a working surface.
        2. Full-height porcelain: 2 layers of glazed enamel applied to a 0.4 mm thick sheet of steel and cooked at very high temperature. To be used as a work surface.
        3. Factory Applied Wood Veneer: Wood finishing will be done by others.
        4. Acoustical Treatment: 1/2 inch (12 mm) thick. Fabric covered with a 0.60 NRC, factory applied (for complete specifications, refer to series 5800 ' ' Performance Plus").
        5. Customer Supplied, Subject to manufacturer's approval:

Material: \_\_\_\_\_\_\_\_.

* + - * 1. Custom: \_\_\_\_\_\_\_\_.
      1. Panel Accessory Options:

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

* + - * 1. Tackboard: 4 x 4 ft (1219 x 1219 mm).
        2. Whiteboard for dry eraser marker and projection. 4 x 4 ft (1219 x 1219 mm).
        3. Porcelain board for dry eraser marker. 4 x 4 ft (1219 x 1219 mm).
        4. Chalkboard. 4 x 4 ft (1219 x 1219 mm).

\*\* NOTE TO SPECIFIER \*\* Consult manufacturer for sizes and thicknesses

* + - * 1. Window with tempered glass: \_\_\_\_\_\_\_\_.
        2. Recessed chalk/marker rail: Matching the panel trims installed at the bottom of each work surface.
        3. Recessed chalk /marker box: Matching the panel trims installed on one side of the partition.
      1. Panel Seals:
         1. Vertical Sound Seals Between Panels: Incorporates an alignment molding made of aluminum. Install molding on vertical panel edges ensuring a good vertical sound seal and proper alignment when setting up the partition.
         2. Horizontal Seals: Not to exceed panel width.

Retractable Bottom Seals: Formed steel, incorporating 1/4 inch (6 mm) vinyl strips for proper acoustical seal upon activating.

\*\* NOTE TO SPECIFIER \*\* Delete top seals option not required.

Top Seals: Retractable and made from formed steel incorporating 1/4 inch (6 mm) vinyl strips for proper acoustical seal upon activating.

Activate simultaneously with bottom seals.

Top Seals: Continuous contact vinyl sweep seals.

\*\* NOTE TO SPECIFIER \*\* Delete single inset pass door if not required.

* + - 1. Inset Pass Door: Single.
         1. Dimensions (W x H): 36 x 80 inches (914 x 2032 mm).
         2. Construction: Identical to panels with same acoustical performance.
         3. Hinge Projection Beyond Panel Face: 1/4 inch (6 mm).
         4. Threshold: Not allowed; ADA compliant.
         5. Bottom Seal Operator: Located inside the Inset pass door legs and provide downward force to maintain stability during door operation.

\*\* NOTE TO SPECIFIER \*\* Delete the remaining options not required. The panic bar is recommended with the automatic door closure

* + - * 1. Recessed Handle: Turn to open.
        2. Recessed Handle: Push and Pull Type. Meeting ADA requirements.
        3. Door Lock: Two-sided.
        4. Panic Bar: Narrow style surface mounted.
        5. Recessed door closer.
        6. Glass Viewer: 38 mm thick tempered glass. 12 x 20 inches (305 x 508 mm).
        7. Pass doors to have on one side a photo luminescent international exit sign 15-1/4 x 9-1/4 inches (385 x 235 mm) surface mounted at top of the inset pass door panel.

\*\* NOTE TO SPECIFIER \*\* Delete double inset pass door if not required.

* + - 1. Inset Pass Door: Double.
         1. Dimensions (W x H): 36 x 80 inches (914 x 2032 mm). Each door.
         2. Construction: Identical to panels with same acoustical performance.
         3. Hinge Projection Beyond Panel Face: 1/4 inch (6 mm).
         4. Threshold: Not allowed; ADA compliant.
         5. Bottom Seal Operator: Located inside the Inset pass door legs and provide downward force to maintain stability during door operation.
         6. Push and Pull Type Recessed Handle: On active leaf. Meets requirements for people with disabilities. ADA compliant.

\*\* NOTE TO SPECIFIER \*\* Delete the remaining options not required. The panic bar is recommended with the automatic door closure

* + - * 1. Recessed door closer on active leaf.
        2. Narrow style surface mounted panic bar on the active leaf.
        3. Glass Viewer: 38 mm thick tempered glass. 12 x 20 inches (305 x 508 mm)
        4. Each active leaf of the double pass door must have on one side a photo luminescent international exit sign 15-1/4 x 9-1/4 inches (385 x 235 mm) surface mounted at top of the inset pass door panel.

\*\* NOTE TO SPECIFIER \*\* Delete pocket door if not required or delete type options not required.

* + - 1. Pocket Door:
         1. Type: Single leaf pocket door.
         2. Type: Double leaf pocket door.
         3. Type: Triple leaf pocket door.
         4. Finish: Same as operable partition.
         5. Door will operate with a turn-type handle.
         6. Spring-loaded mechanism will activate a 3/8 inch (10 mm) diameter steel rod at the top and at the bottom of the door.

A plate anchored to the ground receives the lower stem.

* + - 1. Suspension System:
         1. Track: Clear anodized, thermally treated architectural grade extruded aluminum alloy 6063-T6. Provides precise alignment at the trolley running surfaces and integral support for adjoining ceiling, soffit, or plenum sound barrier.

L or T Intersections: Factory assembled and welded.

Mounting: Connected to structural supports by pairs of steel threaded rods provided by the manufacturer.

Guide pins: Ensure alignment of track joints.

Removable Track Section: For panels to be removed from the track.

Horizontal Carriers: Two-wheel counter-rotating supporting each panel.

Wheels: Precision ground steel ball bearings, heat treated and hardened races, encased in Delrin tires.

Reliability Test Report: Covering a distance of 160 kilometers was completed must be available on request.

Not Acceptable: Friction disc puck type carrier and track systems.

* + - 1. Operation: Partitions to be top supported, manually operated individual panels.
         1. Top/Bottom horizontal retractable seals: Operated by a removable handle located approximately 42 inches (1066 mm) from the floor at panel edge.

Operation of the Seals: requires a 180 degree turn of the handle.

Provide 2 inch (51 mm) nominal operating clearance at the bottom to make manipulation of panels easier.

A stabilizing pressure shall be exerted when lowering seals.

Not Acceptable: Automatic or foot pedal type seal activation.

\*\* NOTE TO SPECIFIER \*\* Delete operable Panel Closure option not required.

* + - * 1. Operable Panel Closure: Expandable.

To ensure final acoustical seal.

Finish: Same as operable partition.

Removable Activation Lever: Accessible from both sides of the partition.

Compensate for out-of-plumb conditions or minor wall irregularities.

Provide a positive pressure seal to achieve maximum sound control.

Seal Force: 125 lbs (57 kg) against the adjacent wall or pocket doors.

Acoustical Integrity of lead Panel: Dual bulb seals against the wall.

Not Acceptable: Permanently fixed, wall-mounted jambs.

* + - * 1. Operable Panel Closure: Hinged.

Full height hinged closure panel with recessed handle accessible from both sides. Permits access between adjacent rooms.

Same construction as basic panels but with continuous contact multi-ply vinyl top and bottom seals.

\*\* NOTE TO SPECIFIER \*\* Delete whichever of the following options is not required.

Acoustical Integrity of Lead Panel: Dual bulb seals against the wall.

Acoustical Integrity of Lead Panel: Permanently fixed wall jamb.

* + 1. Basis of Design: Omnidirectional panel partitions manually operated, Series 5800 Performance Plus as manufactured by Corflex.
       1. Standards Compliance:
          1. Fire hazard classification: ASTM E84.
          2. Sound transmission coefficient: ASTM E90.
          3. Sound insulation classification: ASTM E336, ASTM E413.
       2. Acoustical Performance: Panels: 54 STC.
          1. Acoustical Test Report: Certifying panel was tested by an independent accredited laboratory.

Partition Tested: Must be fully functional.

Size: 12 x 8 ft (3657 x 2438 mm).

Meet ASTM-E90.

Test Results: Must be similar to or exceed performance specified.

Report must show the weight and the panel construction as well as acoustical seals tested.

* + - * 1. Panel Weight: 12.6 lbs per sq ft (61 kg per sq m) according to selected STC.
      1. Panels: Full perimeter steel frame. Thickness: 4-1/2 inches (114 mm).
         1. Panel Faces: Removable and replaceable on site.
         2. Reinforcing Channels: 18 gauge (1.3 mm) steel, installed horizontally inside every panel and spaced at 24 to 36 inches (610 to 914 mm) c/c.

Channel Dimensions: 2 x 2 inches (51 x 51 mm) and will ensure a higher impact and torsional capacity.

* + - * 1. Sound Reverberation Paneling: Fiberglass underlay.

Density: 7 lbs per cu ft (112 kg per cu m) minimum.

Covering: Fabric finish selected by the architect.

Panel, In Place Anchoring: PVC rounded-edge reinforcement molding around perimeter.

Molding: Unseen, tucked behind the covering fabric around all edges, on both sides of the partition's panels.

Prevents warping and compression of the under lying fiberglass panel.

Panel Fabric Facing: Devoid of apparent stitching or joints and composed of one unique piece.

Must be replaceable and removable on site.

* + - * 1. Frames: Fully enclose surface material edges, providing protection upon handling and stacking of operable partitions.

Material: Minimum 16 gauge (1.6 mm) steel

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

Finish: Powder coated. Color: Beige.

Finish: Powder coated. Color: Black.

Finish: Powder coated. Color: Grey.

Finish: Powder coated. Color: White.

Not Acceptable: Trimless panels not providing finish and edge protection. All trims and seals are to match the color of the panel framing.

* + - 1. Panel Finish: Factory applied.

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

* + - * 1. Fabric: Covering 1/2 inch (12 mm) acoustical treatment with a 0.60 NRC on one side of the operable partition.

Other Side: Fabric without acoustical treatment.

* + - * 1. Fabric: Covering 1/2 inch (12 mm) acoustical treatment with a 0.60 NRC on both sides of the operable partition.
        2. Fabric: Covering 1 inch (25 mm) acoustical treatment with a 0.85 NRC on one side of the operable partition.

Other Side: Fabric without acoustical treatment.

* + - * 1. Fabric: Covering 1 inch (25 mm) acoustical treatment with a 0.85 NRC on both sides of the operable partition, factory applied.
        2. Fabric: In standard range.
        3. Fabric: Supplied by client; subject to manufacturer's approval.

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

* + - 1. Panel Accessory Options:
         1. Tackboard: 4 x 4 ft (1219 x 1219 mm).
         2. Whiteboard for dry eraser marker and projection. 4 x 4 ft (1219 x 1219 mm).
         3. Porcelain board for dry eraser marker. 4 x 4 ft (1219 x 1219 mm).
         4. Chalkboard. 4 x 4 ft (1219 x 1219 mm).

\*\* NOTE TO SPECIFIER \*\* Consult manufacturer for sizes, thicknesses, and finishes

* + - * 1. Recessed chair rail: \_\_\_\_\_\_\_\_.
        2. Window with tempered glass: \_\_\_\_\_\_\_\_.
      1. Panel Seals:
         1. Vertical Sound Seals Between Panels: Incorporates an alignment molding made of aluminum. Install molding on vertical panel edges ensuring a good vertical sound seal and proper alignment when setting up the partition.
         2. Horizontal Seals: Not to exceed panel width.

Retractable Bottom Seals: Formed steel, incorporating 1/4 inch (6 mm) vinyl strips for proper acoustical seal upon activating.

\*\* NOTE TO SPECIFIER \*\* Delete top seals option not required.

Top Seals: Retractable and made from formed steel incorporating 1/4 inch (6 mm) vinyl strips for proper acoustical seal upon activating.

Activate simultaneously with bottom seals.

Top Seals: Fixed continuous contact dual 4 fingers vinyl.

\*\* NOTE TO SPECIFIER \*\* Delete single inset pass door if not required.

* + - 1. Inset Pass Door: Single.
         1. Dimensions (W x H): 36 x 80 inches (914 x 2032 mm).
         2. Construction: Identical to panels with same acoustical performance.
         3. Hinge Projection Beyond Panel Face: 1/4 inch (6 mm).
         4. Threshold: Not allowed; ADA compliant.
         5. Bottom Seal Operator: Located inside the Inset pass door legs and provide downward force to maintain stability during door operation.

\*\* NOTE TO SPECIFIER \*\* Delete the remaining options not required. The panic bar is recommended with the automatic door closure

* + - * 1. Recessed Handle: Turn to open.
        2. Recessed Handle: Push and Pull Type. Meeting ADA requirements
        3. Door Lock: Two-sided.
        4. Panic Bar: Narrow style surface mounted.
        5. Recessed door closer.
        6. Glass Viewer: 38 mm thick tempered glass. 12 x 20 inches (305 x 508 mm)/
        7. Pass doors to have on one side a photo luminescent international exit sign 15-1/4 x 9-1/4 inches (385 x 235 mm) surface mounted at top of the inset pass door panel.

\*\* NOTE TO SPECIFIER \*\* Delete double inset pass door if not required.

* + - 1. Inset Pass Door: Double.
         1. Dimensions (W x H): 36 x 80 inches (914 x 2032 mm). Each door.
         2. Construction: Identical to panels with same acoustical performance.
         3. Hinge Projection Beyond Panel Face: 1/4 inch (6 mm).
         4. Threshold: Not allowed; ADA compliant./
         5. Bottom Seal Operator: Located inside the Inset pass door legs and provide downward force to maintain stability during door operation.
         6. Push and Pull Type Recessed Handle: On active leaf. Meets requirements for people with disabilities. ADA compliant.

\*\* NOTE TO SPECIFIER \*\* Delete the remaining options not required. The panic bar is recommended with the automatic door closure

* + - * 1. Recessed door closer on active leaf.
        2. Narrow style surface mounted panic bar on the active leaf.
        3. Glass Viewer: 38 mm thick tempered glass. 12 x 20 inches (305 x 508 mm)/
        4. Each active leaf of the double pass door must have on one side a photo luminescent international exit sign 15-1/4 x 9-1/4 inches (385 x 235 mm) surface mounted at top of the inset pass door panel.

\*\* NOTE TO SPECIFIER \*\* Delete pocket door if not required or delete type options not required.

* + - 1. Pocket Door:
         1. Type: Single leaf pocket door.
         2. Finish: Same as operable partition.
         3. Door will operate with a turn-type handle.
         4. Spring-loaded mechanism will activate a 3/8 inch (10 mm) diameter steel rod at the top and at the bottom of the door.

A plate anchored to the ground receives the lower stem.

* + - 1. Suspension System:
         1. Track: Clear anodized, thermally treated architectural grade extruded aluminum alloy 6063-T6. Provides precise alignment at the trolley running surfaces and integral support for adjoining ceiling, soffit, or plenum sound barrier.

L or T Intersections: Factory assembled and welded.

Mounting: Connected to structural supports by pairs of steel threaded rods provided by the manufacturer.

Guide pins: Ensure alignment of track joints.

Removable Track Section: For panels to be removed from the track.

Horizontal Carriers: Two-wheel counter-rotating supporting each panel.

Wheels: Precision ground steel ball bearings, heat treated and hardened races, encased in Delrin tires.

Reliability Test Report: Covering a distance of 160 kilometers was completed must be available on request.

Not Acceptable: Friction disc puck type carrier and track systems.

* + - 1. Operation: Partitions to be top supported, manually operated individual panels.
         1. Top/Bottom horizontal retractable seals: Operated by a removable handle located approximately 42 inches (1066 mm) from the floor at panel edge.

Operation of the Seals: requires a 180 degree turn of the handle.

Provide 2 inch (51 mm) nominal operating clearance at the bottom to make manipulation of panels easier.

A stabilizing pressure shall be exerted when lowering seals.

Not Acceptable: Automatic or foot pedal type seal activation.

\*\* NOTE TO SPECIFIER \*\* Delete operable Panel Closure option not required.

* + - * 1. Operable Panel Closure: Expandable.

To ensure final acoustical seal.

Finish: Same as operable partition.

Removable Activation Lever: Accessible from both sides of the partition.

Compensate for out-of-plumb conditions or minor wall irregularities.

Provide a positive pressure seal to achieve maximum sound control.

Seal Force: 125 lbs (57 kg) against the adjacent wall or pocket doors.

Acoustical Integrity of Lead Panel: Dual bulb seals against the wall

Not Acceptable: Permanently fixed, wall-mounted jambs.

* + - * 1. Operable Panel Closure: Hinged.

Full height hinged closure panel with recessed handle accessible from both sides. Permits access between adjacent rooms.

Same construction as basic panels but with continuous contact multi-ply vinyl top and bottom seals.

\*\* NOTE TO SPECIFIER \*\* Delete whichever of the following options is not required.

Acoustical Integrity of Lead Panel: Dual bulb seals against the wall.

Acoustical Integrity of Lead Panel: Permanently fixed wall jamb.

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

* 1. OPERABLE PARTITIONS, PAIRED AND MANUALLY OPERATED
     1. Basis of Design: Paired panel partitions manually operated; Series 4500 as manufactured by Corflex.
        1. Standards Compliance:
           1. Fire hazard classification: ASTM E84.
           2. Sound transmission coefficient: ASTM E90.
        2. Acoustical Performance

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

* + - * 1. Panels: 34 STC.
        2. Panels: 47 STC.
        3. Acoustical Test Report: Certifying panel was tested by an independent accredited laboratory.

Partition Tested: Must be fully functional.

Size: 12 x 8 ft (3657 x 2438 mm).

Meet ASTM-E90.

Test Results: Must be similar to or exceed performance specified.

Report must show the weight and the panel construction as well as acoustical seals tested.

* + - * 1. Panel Weight: 4.9 to 7.1 lbs per sq ft (23.9 to 34.7 kg per sq m) according to selected STC.
      1. Panels: Full perimeter extruded aluminum frame. Thickness: 3 inches (75 mm).
      2. Panel Finish: Factory applied.

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

* + - * 1. Reinforced Vinyl Fabric: Woven backing. Weight: 15 oz per yard (465 grams per m).

Color: Selected from manufacture's standard color selector.

* + - * 1. Standard fabrics: Acrylic backing and stain resistant coating.

Color: Selected from manufacturer's standard colour selector.

* + - * 1. Vertical Ribbed Acoustical Carpet: Weight: 24 oz per yard (744 grams per m).

Color: Selected from manufacturer's standard color selector.

* + - * 1. High pressure laminate:

Color: Selected from manufacturer's standard color selector.

* + - * 1. Full Height Steel White Board: To be used as a working surface.
        2. Full-Height Porcelain: 2 layers of glazed enamel applied to a 0.4 mm thick sheet of steel and cooked at very high temperature. To be used as a work surface.
        3. Customer Supplied, Subject to Manufacturer's Approval:

Material: \_\_\_\_\_\_\_\_.

* + - * 1. Custom: \_\_\_\_\_\_\_\_.
      1. Panel Seals:
         1. Leading Vertical Edge of Panels: A tongue with two vinyl gaskets nest into the vertical recess in the edge of the adjoining panel creating a positive, interlocking joint.
         2. Horizontal Seals: Not to exceed panel width. Continuous contact, multi-layer, vinyl sweeps.

Top Seals: maintain contact with the track/

\*\* NOTE TO SPECIFIER \*\* Delete bottom seals option not required.

Bottom Horizontal Seals: Maintain contact with the floor or other surface along the path of the movable wall.

Bottom Horizontal Seals: Operated by a removable handle located 11 inches (280 mm) from the floor at panel edge.

Seal Operation: To require no more than 180 degree handle turn.

Stabilizing downward pressure must be exerted when seals are activated.

Provide 1 inch (25 mm) nominal operating clearance.

* + - 1. Suspension System:
         1. Track: Clear anodized architectural grade extruded aluminum alloy 6063-T6. Provides precise alignment at the trolley running surfaces and integral support for adjoining ceiling, soffit, or plenum sound barrier.

Mounting: Connected to structural supports by pairs of 3/8 inch (10 mm) diameter threaded steel hanger rods.

Built-in Ceiling Trim: Anodized aluminum providing enclosure of plenum sound barrier on both sides of track.

Removable Track Section: For panels to be removed from the track.

Trolley Assembly: Four steel ball bearing wheels, polymer coated.

Each panel is supported by one trolley assembly.

Wheels: Precision ground steel ball bearings, heat treated and hardened races, encased in molded polymer tires.

Reliability Test Report: Covering a distance of 160 kilometers was completed must be available on request.

* + - 1. Finishes:

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

* + - * 1. Aluminum Panel Components: Clear anodized.
        2. Aluminum Panel Components: Black anodized finish.
        3. Aluminum Panel Components: Other anodized finish.
        4. Aluminum Panel Components: Powder coated in Corflex standard Beige.
        5. Aluminum Panel Components: Powder coated in Corflex standard Black.
        6. Aluminum Panel Components: Powder coated in Corflex standard Grey.
        7. Aluminum Panel Components: Powder coated in Corflex standard White.
        8. Aluminum Panel Components: Powder coated finish from RAL selector
        9. Vinyl and PJC Trim will be: Beige.
        10. Vinyl and PJC Trim will be: Black.
        11. Vinyl and PJC Trim will be: Grey.
        12. Vinyl and PJC Trim will be: White.
      1. Operation: Panels must be top supported and manually operated.
         1. Closure Panel: Hinged. Same finish as the operable partitions.

Final Partition Closure: By a full height hinged closure access panel at one end of the opening that hinges from a fixed two-piece telescopic aluminum jamb.

\*\* NOTE TO SPECIFIER \*\* Delete the following options not required.

Recessed handle: Turn type.

Recessed handle: Push/pull type.

Hinged panel is to be fitted with a lever type architectural handle (option)

Panic Bar: On one side and architectural lever handle with keylock on the other. The panic bar will be full door width and override the keylock function.

Keylock.

* + - * 1. Closure Panel: Expandable. Ensures an acoustical seal. Same finish as the operable partitions.

Removable lever accessible from both sides of the panel activates it.

It compensates for out of plumb conditions or minor wall irregularities.

Provides positive pressure seal to achieve maximum sound control.

* + 1. Basis of Design: Paired panel partitions manually operated; Series 5500 as manufactured by Corflex.
       1. Standards Compliance:
          1. Fire hazard classification: ASTM E84.
          2. Sound transmission coefficient: ASTM E90.
          3. Sound insulation classification: ASTM E336, ASTM E413.
       2. Acoustical Performance

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

* + - * 1. Panels: 34 STC.
        2. Panels: 47 STC.
        3. Panels: 50 STC.
        4. Panels: 52 STC.
        5. Panels: 54 STC.
        6. Acoustical Test Report: Certifying panel was tested by an independent accredited laboratory.

Partition Tested: Must be fully functional.

Size: 12 x 8 ft (3657 x 2438 mm).

Meet ASTM-E90.

Test Results: Must be similar to or exceed performance specified.

Report must show the weight and the panel construction as well as acoustical seals tested.

* + - * 1. Panel Weight: 6.1 to 11.9 lbs per sq ft (30 to 58 kg per sq m) according to selected STC.
      1. Panels: Full perimeter steel frame. Thickness: 3-5/8 inches (92 mm).
         1. Panel Faces: Removable and replaceable on site.
         2. Reinforcing Channels: 18 gauge (1.3 mm) steel, installed horizontally inside every panel and spaced at 24 to 36 inches (610 to 914 mm) c/c.

Channel Dimensions: 2 x 2 inches (51 x 51 mm) and will ensure a higher impact and torsional capacity.

* + - * 1. Frames: Fully enclose surface material edges, providing protection upon handling and stacking of operable partitions.

Material: Minimum 16 gauge (1.6 mm) steel

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

Finish: Powder coated. Color: Beige.

Finish: Powder coated. Color: Black.

Finish: Powder coated. Color: Grey.

Finish: Powder coated. Color: White.

Not Acceptable: Trimless panels not providing finish and edge protection. All trims and seals are to match the color of the panel framing.

* + - 1. Panel Finish: Factory applied.

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

* + - * 1. Reinforced Vinyl Fabric: Woven backing. Weight: 15 oz per yard (465 grams per m).

Color: Selected from manufacturer's standard color selector.

* + - * 1. Standard fabrics: Acrylic backing and stain resistant coating.

Color: Selected from manufacturer's standard colour selector.

* + - * 1. Vertical Ribbed Acoustical Carpet: Weight: 24 oz per yard (744 grams per m).

Color: Selected from manufacturer's standard colour selector.

* + - * 1. High pressure laminate:

Color: Selected from manufacturer's standard colour selector.

* + - * 1. Full Height Steel White board: To be used as a working surface.
        2. Full-height porcelain: 2 layers of glazed enamel applied to a 0.4 mm thick sheet of steel and cooked at very high temperature. To be used as a work surface.
        3. Factory Applied Wood Veneer: Wood finishing will be done by others.
        4. Acoustical Treatment: 1/2 inch (12 mm) thick. Fabric covered with a 0.60 NRC, factory applied (for complete specifications, refer to series 5700 ' ' Performance Plus").
        5. Customer Supplied, Subject to manufacturer's approval:

Material: \_\_\_\_\_\_\_\_.

* + - * 1. Custom: \_\_\_\_\_\_\_\_.

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

* + - 1. Panel Accessory Options:
         1. Tackboard: 4 x 4 ft (1219 x 1219 mm).
         2. Whiteboard for dry eraser marker and projection. 4 x 4 ft (1219 x 1219 mm).
         3. Porcelain board for dry eraser marker. 4 x 4 ft (1219 x 1219 mm).
         4. Chalkboard. 4 x 4 ft (1219 x 1219 mm).

\*\* NOTE TO SPECIFIER \*\* Consult manufacturer for sizes and thicknesses

* + - * 1. Window with tempered glass: \_\_\_\_\_\_\_\_.
        2. Recessed chalk/marker rail: Matching the panel trims installed at the bottom of each work surface.
        3. Recessed chalk /marker box: Matching the panel trims installed on one side of the partition.
      1. Panel Seals:
         1. Vertical Sound Seals Between Panels: Incorporates an alignment molding made of aluminum. Install molding on vertical panel edges ensuring a good vertical sound seal and proper alignment when setting up the partition.
         2. Horizontal Seals: Not to exceed panel width.

Retractable Bottom Seals: Formed steel, incorporating 1/4 inch (6 mm) vinyl strips for proper acoustical seal upon activating.

\*\* NOTE TO SPECIFIER \*\* Delete top seals option not required.

Top Seals: Retractable and made from formed steel incorporating 1/4 inch (6 mm) vinyl strips for proper acoustical seal upon activating.

Activate simultaneously with bottom seals.

Top Seals: Continuous contact vinyl sweep seals.

* + - * 1. Vinyl and PVC Trims: Are to match standard frame colors available from the color selector.

\*\* NOTE TO SPECIFIER \*\* Delete single inset pass door if not required.

* + - 1. Inset Pass Door: Single.
         1. Dimensions (W x H): 36 x 80 inches (914 x 2032 mm).
         2. Construction: Identical to panels with same acoustical performance.
         3. Hinge Projection Beyond Panel Face: 1/4 inch (6 mm).
         4. Threshold: Not allowed; ADA compliant.
         5. Bottom Seal Operator: Located inside the Inset pass door legs and provide downward force to maintain stability during door operation.

\*\* NOTE TO SPECIFIER \*\* Delete the remaining options not required. The panic bar is recommended with the automatic door closure

* + - * 1. Recessed Handle: Turn to open.
        2. Recessed Handle: Push and Pull Type. Meeting ADA requirements
        3. Door Lock: Two-sided.
        4. Panic Bar: Narrow style surface mounted.
        5. Recessed door closer.
        6. Glass Viewer: 38 mm thick tempered glass. 12 x 20 inches (305 x 508 mm).
        7. Pass doors to have on one side a photo luminescent international exit sign15-1/4 x 9-1/4 inches (385 x 235 mm) surface mounted at top of the inset pass door panel.

\*\* NOTE TO SPECIFIER \*\* Delete double inset pass door if not required.

* + - 1. Inset Pass Door: Double.
         1. Dimensions (W x H): 36 x 80 inches (914 x 2032 mm). Each door.
         2. Construction: Identical to panels with same acoustical performance.
         3. Hinge Projection Beyond Panel Face: 1/4 inch (6 mm).
         4. Threshold: Not allowed; ADA compliant.
         5. Bottom Seal Operator: Located inside the Inset pass door legs and provide downward force to maintain stability during door operation.
         6. Push and Pull Type Recessed Handle: On active leaf. Meets requirements for people with disabilities. ADA compliant.

\*\* NOTE TO SPECIFIER \*\* Delete the remaining options not required. The panic bar is recommended with the automatic door closure

* + - * 1. Recessed door closer on active leaf.
        2. Narrow style surface mounted panic bar on the active leaf.
        3. Glass Viewer: 38 mm thick tempered glass. 12 x 20 inches (305 x 508 mm).
        4. Each active leaf of the double pass door must have on one side a photo luminescent international exit sign 15-1/4 x 9-1/4 inches (385 x 235 mm) surface mounted at top of the inset pass door panel.

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

* + - 1. Pocket Door:
         1. Type: Single leaf pocket door.
         2. Type: Double leaf pocket door.
         3. Type: Triple leaf pocket door.
         4. Finish: Same as operable partition.
         5. Door will operate with a turn-type handle.
         6. Spring-loaded mechanism will activate a 3/8 inch (10 mm) diameter steel rod at the top and at the bottom of the door.

A plate anchored to the ground receives the lower stem.

* + - 1. Suspension System:
         1. Track: Clear anodized architectural grade extruded aluminum alloy 6063-T6. Provides precise alignment at the trolley running surfaces and integral support for adjoining ceiling, soffit, or plenum sound barrier.

Mounting: Connected to structural supports by pairs of steel threaded rods provided by the manufacturer.

Guide pins: Ensure alignment of track joints.

Removable Track Section: For panels to be removed from the track.

Trolley Assembly: Four (4) steel ball bearing wheels polymer coated.

Each panel is supported by one trolley assembly.

Wheels: Precision ground steel ball bearings, heat treated and hardened races, encased in molded polymer tires.

Reliability Test Report: Covering a distance of 160 kilometers was completed must be available on request.

Not Acceptable: Friction disc puck type carrier and track systems.

* + - 1. Operation: Partitions to be top supported, manually operated panels.
         1. Top/Bottom horizontal retractable seals: Operated by a removable handle located approximately 42 inches (1066 mm) from the floor at panel edge.

Operation of the seals: requires a 180 degree turn of the handle.

Provide 2 inch (51 mm) nominal operating clearance to make manipulation of panels easier.

A stabilizing pressure shall be exerted when lowering seals.

Not Acceptable: Automatic or foot pedal type seal activation.

\*\* NOTE TO SPECIFIER \*\* Delete operable Panel Closure option not required.

* + - * 1. Operable Panel Closure: Expandable.

To ensure final acoustical seal.

Finish: Same as operable partition.

Removable Activation Lever: Accessible from both sides of the partition.

Compensate for out-of-plumb conditions or minor wall irregularities.

Provide a positive pressure seal to achieve maximum sound control.

Seal Force: 125 lbs (57 kg) against the adjacent wall or pocket doors.

Acoustical Integrity of Lead Panel: Dual bulb seals against the wall.

Not Acceptable: Permanently fixed, wall-mounted jambs.

* + - * 1. Operable Panel Closure: Hinged.

Full height hinged closure panel with recessed handle accessible from both sides. Permits access between adjacent rooms.

Same construction as basic panels but with continuous contact multi-ply vinyl top and bottom seals.

Acoustical Integrity of Lead Panel: Dual bulb seals against the wall.

Acoustical Integrity of Lead Panel: Permanently fixed wall jamb.

* + 1. Basis of Design: Paired panel partitions manually operated, Series 5700 Performance Plus as manufactured by Corflex.
       1. Standards Compliance:
          1. Fire hazard classification: ASTM E84.
          2. Sound transmission coefficient: ASTM E90.
          3. Sound insulation classification: ASTM E336, ASTM E413.
       2. Acoustical Performance: Panels: 54 STC.
          1. Acoustical Test Report: Certifying panel was tested by an independent accredited laboratory.

Partition Tested: Must be fully functional.

Size: 12 x 8 ft (3657 x 2438 mm).

Meet ASTM-E90.

Test Results: Must be similar to or exceed performance specified.

Report must show the weight and the panel construction as well as acoustical seals tested.

* + - * 1. Panel Weight: 12.6 lbs per sq ft (61 kg per sq m) according to selected STC.
      1. Panels: Full perimeter steel frame. Thickness: 4-1/2 inches (114 mm).
         1. Panel Faces: Removable and replaceable on site.
         2. Reinforcing Channels: 18 gauge (1.3 mm) steel, installed horizontally inside every panel and spaced at 24 to 36 inches (610 to 914 mm) c/c.

Channel Dimensions: 2 x 2 inches (51 x 51 mm) and will ensure a higher impact and torsional capacity.

* + - * 1. Sound Reverberation Paneling: Fiberglass underlay.

Density: 7 lbs per cu ft (112 kg per cu m) minimum.

Covering: Fabric finish selected by the architect.

Panel, In Place Anchoring: PVC rounded-edge reinforcement molding around perimeter.

Molding: Unseen, tucked behind the covering fabric around all edges, on both sides of the partition's panels.

Prevents warping and compression of the under lying fiberglass panel.

Panel Fabric Facing: Devoid of apparent stitching or joints and composed of one unique piece.

Must be replaceable and removable on site.

* + - * 1. Frames: Fully enclose surface material edges, providing protection upon handling and stacking of operable partitions.

Material: Minimum 16 gauge (1.6 mm) steel.

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

Finish: Powder coated. Color: Beige.

Finish: Powder coated. Color: Black.

Finish: Powder coated. Color: Grey.

Finish: Powder coated. Color: White.

Not Acceptable: Trimless panels not providing finish and edge protection. All trims and seals are to match the color of the panel framing.

* + - 1. Panel Finish: Factory applied.

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

* + - * 1. Fabric: Covering 1/2 inch (12 mm) acoustical treatment with a 0.60 NRC on one side of the operable partition.

Other Side: Fabric without acoustical treatment.

* + - * 1. Fabric: Covering 1/2 inch (12 mm) acoustical treatment with a 0.60 NRC on both sides of the operable partition.
        2. Fabric: In standard range.
        3. Fabric: Supplied by client; subject to manufacturer's approval.

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

* + - 1. Panel Accessory Options:
         1. Tackboard: 4 x 4 ft (1219 x 1219 mm).
         2. Whiteboard for dry eraser marker and projection. 4 x 4 ft (1219 x 1219 mm).
         3. Porcelain board for dry eraser marker. 4 x 4 ft (1219 x 1219 mm).
         4. Chalkboard. 4 x 4 ft (1219 x 1219 mm).

\*\* NOTE TO SPECIFIER \*\* Consult manufacturer for sizes, thicknesses, and finishes

* + - * 1. Window with tempered glass: \_\_\_\_\_\_\_\_.
      1. Panel Seals:
         1. Vertical Sound Seals Between Panels: Incorporates an alignment molding made of aluminum. Install molding on vertical panel edges ensuring a good vertical sound seal and proper alignment when setting up the partition.
         2. Horizontal Seals: Not to exceed panel width.

Retractable Bottom Seals: Formed steel, incorporating 1/4 inch (6 mm) vinyl strips for proper acoustical seal upon activating.

\*\* NOTE TO SPECIFIER \*\* Delete top seals option not required.

Top Seals: Retractable and made from formed steel incorporating 1/4 inch (6 mm) vinyl strips for proper acoustical seal upon activating.

Activate simultaneously with bottom seals.

Top Seals: Fixed continuous contact dual 4 fingers vinyl.

\*\* NOTE TO SPECIFIER \*\* Delete single inset pass door if not required.

* + - 1. Inset Pass Door: Single.
         1. Dimensions (W x H): 36 x 80 inches (914 x 2032 mm).
         2. Construction: Identical to panels with same acoustical performance.
         3. Hinge Projection Beyond Panel Face: 1/4 inch (6 mm).
         4. Threshold: Not allowed; ADA compliant.
         5. Bottom Seal Operator: Located inside the Inset pass door legs and provide downward force to maintain stability during door operation.

\*\* NOTE TO SPECIFIER \*\* Delete the remaining options not required. The panic bar is recommended with the automatic door closure

* + - * 1. Recessed Handle: Turn to open.
        2. Recessed Handle: Push and Pull Type. Meeting ADA requirements
        3. Door Lock: Two-sided.
        4. Panic Bar: Narrow style surface mounted.
        5. Recessed door closer.
        6. Glass Viewer: 38 mm thick tempered glass. 12 x 20 inches (305 x 508 mm).
        7. Pass doors to have on one side a photo luminescent international exit sign 15-1/4 x 9-1/4 inches (385 x 235 mm) surface mounted at top of the inset pass door panel.

\*\* NOTE TO SPECIFIER \*\* Delete double inset pass door if not required.

* + - 1. Inset Pass Door: Double.
         1. Dimensions (W x H): 36 x 80 inches (914 x 2032 mm). Each door.
         2. Construction: Identical to panels with same acoustical performance.
         3. Hinge Projection Beyond Panel Face: 1/4 inch (6 mm).
         4. Threshold: Not allowed; ADA compliant.
         5. Bottom Seal Operator: Located inside the Inset pass door legs and provide downward force to maintain stability during door operation.
         6. Push and Pull Type Recessed Handle: On active leaf. Meets requirements for people with disabilities. ADA compliant.

\*\* NOTE TO SPECIFIER \*\* Delete the remaining options not required. The panic bar is recommended with the automatic door closure

* + - * 1. Recessed doorcloser on active leaf.
        2. Narrow style surface mounted panic bar on the active leaf.
        3. Glass Viewer: 38 mm thick tempered glass. 12 x 20 inches (305 x 508 mm).
        4. Each active leaf of the double pass door must have on one side a photo luminescent international exit sign 15-1/4 x 9-1/4 inches (385 x 235 mm) surface mounted at top of the inset pass door panel.

\*\* NOTE TO SPECIFIER \*\* Delete pocket door if not required or delete type options not required.

* + - 1. Pocket Door:
         1. Type: Single leaf pocket door.
         2. Finish: Same as operable partition.
         3. Door will operate with a turn-type handle.
         4. Spring-loaded mechanism will activate a 3/8 inch (10 mm) diameter steel rod at the top and at the bottom of the door.

A plate anchored to the ground receives the lower stem.

* + - 1. Suspension System:
         1. Track: Clear anodized, thermally treated architectural grade extruded aluminum alloy 6063-T6. Provides precise alignment at the trolley running surfaces and integral support for adjoining ceiling, soffit, or plenum sound barrier.

Mounting: Connected to structural supports by pairs of steel threaded rods provided by the manufacturer.

Guide pins: Ensure alignment of track joints.

Removable Track Section: For panels to be removed from the track.

Trolley Assembly: Four (4) steel ball bearing wheels polymer coated.

Each panel is supported by one trolley assembly.

Wheels: Precision ground steel ball bearings, heat treated and hardened races, encased in molded polymer tires.

Reliability Test Report: Covering a distance of 160 kilometers was completed must be available on request.

Not Acceptable: Friction disc puck type carrier and track systems.

* + - 1. Operation: Partitions to be top supported, manually operated individual panels.
         1. Top/Bottom horizontal retractable seals: Operated by a removable handle located approximately 42 inches (1066 mm) from the floor at panel edge.

Operation of the seals: requires a 180 degree turn of the handle.

Provide 2 inch (51 mm) nominal operating clearance to make manipulation of panels easier.

A stabilizing pressure shall be exerted when lowering seals.

Not Acceptable: Automatic or foot pedal type seal activation.

\*\* NOTE TO SPECIFIER \*\* Delete operable Panel Closure option not required.

* + - * 1. Operable Panel Closure: Expandable.

To ensure final acoustical seal.

Finish: Same as operable partition.

Removable Activation Lever: Accessible from both sides of the partition.

Compensate for out-of-plumb conditions or minor wall irregularities.

Provide a positive pressure seal to achieve maximum sound control.

Seal Force: 125 lbs (57 kg) against the adjacent wall or pocket doors.

Acoustical Integrity of Lead Panel: Dual bulb seals against the wall

Not Acceptable: Permanently fixed, wall-mounted jambs.

* + - * 1. Operable Panel Closure: Hinged.

Full height hinged closure panel with recessed handle accessible from both sides. Permits access between adjacent rooms.

Same construction as basic panels but with continuous contact multi-ply vinyl top and bottom seals.

\*\* NOTE TO SPECIFIER \*\* Delete whichever of the following options is not required.

Acoustical Integrity of Lead Panel: Dual bulb seals against the wall.

Acoustical Integrity of Lead Panel: Permanently fixed wall jamb.

* 1. OPERABLE PARTITIONS, TOP SUPPORTED AND MOTOR OPERATED
     1. Basis of Design: Top supported motorized continuously hinged panel partitions, Series 5900 as manufactured by Corflex.
        1. Standards Compliance:
           1. Fire hazard classification: ASTM E84.
           2. Sound transmission coefficient: ASTM E90.
           3. Sound insulation classification: ASTM E336, ASTM E413.
        2. Acoustical Performance:

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

* + - * 1. Panels: 43 STC.
        2. Panels: 47 STC.
        3. Panels: 50 STC.
        4. Acoustical Test Report: Certifying panel was tested by an independent accredited laboratory.

Partition Tested: Must be fully functional.

Size: 12 x 8 ft (3657 x 2438 mm).

Meet ASTM-E90.

Test Results: Must be similar to or exceed performance specified.

Report must show the weight and the panel construction as well as acoustical seals tested.

* + - * 1. Panel Weight: 6.1 to 9.5 lbs per sq ft. (30 and 49 kg per sq m) according to the selected STC.
      1. Panels: Full perimeter steel frame. Thickness: 3-5/8 inches (92 mm).
         1. Panel Faces: Removable and replaceable on site.
         2. Reinforcing Channels: 18 gauge (1.3 mm) steel, installed horizontally inside every panel and spaced at 24 to 36 inches (610 to 914 mm) c/c.

Channel Dimensions: 2 x 2 inches (51 x 51 mm) and will ensure a higher impact and torsional capacity.

* + - * 1. Frames: Fully enclose surface material edges, providing protection upon handling and stacking of operable partitions.

Material: Minimum 16 gauge (1.6 mm) steel.

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

Finish: Powder coated. Color: Beige.

Finish: Powder coated. Color: Black.

Finish: Powder coated. Color: Grey.

Finish: Powder coated. Color: White.

Not Acceptable: Trimless panels not providing finish and edge protection. All trims and seals are to match the color of the panel framing.

* + - 1. Panel Finish: Factory applied.

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

* + - * 1. Fabric: Reinforced vinyl with woven backing weighing not less than 15 oz per linear yd (465 grams per m).

Color: As selected from manufacturer's standard colors.

* + - * 1. Fabric: Acrylic backing and stain resistant coating.

Color: As selected from manufacturer's standard colors.

* + - * 1. Carpet: Vertical ribbed acoustical weighing not less than 24 oz per linear ft (744 grams per m).

Color: As selected from manufacturer's standard colors.

* + - * 1. High Pressure Laminate:

Color: As selected from manufacturer's standard colors.

* + - * 1. Full-Height Steel White Board: To be used as a working surface.
        2. Full-Height Porcelain: 2 layers of glazed enamel applied to a 0.016 inches (0.4 mm) thick sheet of steel and cooked at very high temperature. To be used as a work surface.
        3. Wood Veneer: Wood finishing to be done by others.
        4. Fabric: Supplied by Client; subject to Manufacturer's approval.
      1. Panel Accessory Options:

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

* + - * 1. Tackboard: 4 x 4 ft (1219 x 1219 mm).
        2. Whiteboard for dry eraser marker and projection. 4 x 4 ft (1219 x 1219 mm).
        3. Porcelain board for dry eraser marker. 4 x 4 ft (1219 x 1219 mm).
        4. Chalkboard. 4 x 4 ft (1219 x 1219 mm).

\*\* NOTE TO SPECIFIER \*\* Consult manufacturer for sizes, thicknesses, and finishes

* + - * 1. Window with tempered glass: \_\_\_\_\_\_\_\_.
        2. Recessed chalk/marker rail matching the panel trims

\*\* NOTE TO SPECIFIER \*\* Delete whichever of the two following items are not required.

At the bottom of each work surface.

On one side of the panel.

* + - 1. Panel Seals:
         1. Vertical Sound Seals Between Panels: Incorporates an alignment molding made of aluminum. Install molding on vertical panel edges ensuring a good vertical sound seal and proper alignment when setting up the partition.
         2. Horizontal Seals: Not to exceed panel width.

Made of a vinyl lining with a minimum of four continuous contact points.

* + - * 1. Hinges: Steel. Must not project more than 1/4 inch (6 mm) beyond panel faces. Panels to have a minimum of three hinges.

\*\* NOTE TO SPECIFIER \*\* Delete single inset pass door if not required.

* + - 1. Inset Pass Door: Single.
         1. Dimensions (W x H): 36 x 80 inches (914 x 2032 mm).
         2. Construction: Identical to panels with same acoustical performance.
         3. Hinge Projection Beyond Panel Face: 1/4 inch (6 mm).
         4. Threshold: Not allowed; ADA compliant.

\*\* NOTE TO SPECIFIER \*\* Delete the remaining options not required. The panic bar is recommended with the automatic door closure

* + - * 1. Recessed Handle: Turn to open.
        2. Recessed Handle: Push and Pull Type. Meeting ADA requirements
        3. Door Lock: Two-sided.
        4. Recessed door closer.
        5. Glass Viewer: 38 mm thick tempered glass. 12 x 20 inches (305 x 508 mm)/
        6. Pass doors to have on one side a photo luminescent international exit sign 15-1/4 x 9-1/4 inches (385 x 235 mm) surface mounted at top of the inset pass door panel.

\*\* NOTE TO SPECIFIER \*\* Delete pocket door if not required or delete type options not required.

* + - 1. Pocket Door:
         1. Type: Triple leaf pocket door.
         2. Finish: Same as operable partition.
         3. Door will operate with a turn-type handle.
         4. Spring-loaded mechanism will activate a 3/8 inch (10 mm) diameter steel rod at the top and at the bottom of the door.

A plate anchored to the ground receives the lower stem.

* + - * 1. Safety Precaution: Switches are to be mounted on doors to prevent activation of partition if pocket doors are closed.
      1. Suspension System:
         1. Track: Architectural grade extruded aluminum alloy 6063-T6.

Finish: Clear anodized.

Integral Support: Provided from adjoining ceiling, soffit, or plenum sound barrier.

Hanger Rod Pairs: 3/8 inch (10 mm) diameter threaded steel. For connecting track to structural supports.

Precise alignment is required at trolley running surfaces.

Guide pins are to ensure perfect alignment of track joints.

Built-in Ceiling Trim: Anodized aluminum finish providing enclosure of plenum sound barrier on both sides of track for maximum sound control.

Removable Track Section: For partition removal from track.

* + - * 1. Wheeled Carriers:

One 4-wheeled carrier is to support each panel.

Wheels: Hardened steel ball bearings encased in molded polymer tires.

* + - * 1. Reliability Testing Report: Showing a test covering 160 kilometers was completed; to be available on request.
      1. Factory Assembled Power Unit:
         1. UL listed. Includes motor, torque limiter and brake.
         2. One key control station wired in series with two activation push button, emergency release, and all necessary equipment for electric operation.
         3. Drive Unit: Includes a variable frequency system featuring a slow start and slow stop operation in order to extend life span and minimize maintenance cost.
         4. Roller Chain Drive: Attach to carrier of lead panel.
         5. Limit Switches: Provided to prevent over-travel.
         6. Motor: 60 Hz, 200-240 Volt Single Phase with adequate horsepower to operate partition effectively.
      2. Operation:
         1. For increased safety, operable partitions are equipped with one key control station wired in series with two activation push buttons, located on each side of the partition ensuring supervised operation of the partition system in order to prevent injuries.
         2. Motor drive shall automatically seal the partition in the opening.
         3. Partitions are retracted and stored by turning the key switch in the proper position and activating two push button controls simultaneously.

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. This includes but is not limited to the following items.
         1. Paint or otherwise finishing of trims and other materials adjoining head and jamb of the partitions.
         2. Headers, blockings, support structures, jambs, track enclosures, surrounding insulation, and sound baffles meeting quality assurance requirements.
         3. Pre-punching of support structure in accordance with approved shop drawings.
   3. INSTALLATION
      1. Install in accordance with manufacturer's instructions, approved submittals, and in proper relationship with adjacent construction.
         1. Installation is to be completed by an authorized factory-trained installer.

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

* + - * 1. Concrete Anchoring Suspension and Bracing: Must be done by the authorized factory-trained installer. Concrete anchors must meet seismic requirements.
  1. 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