

PART 1 - GENERAL

- 1.1 SECTION INCLUDES .1 Operable panel partitions.
- 1.2 RELATED SECTIONS .1 Section 08 71 00 - Door Hardware
- 1.3 REFERENCES .1 ASTM C 423 - standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method.
- .2 ASTM E 84 - Standard Test Method for Surface Burning characteristics of Building materials.
- .3 ASTM E 90 - Standard Test Method for Laboratory Measurement of Airborne Sound transmission Loss of Building Partitions and Elements.
- .4 ASTM E 413 - Classification for Rating sound Insulation.
- .5 ASTM E 557 - Standard Practice for The Installation of Operable Partitions.
- .6 FS CCC-W-408 - Wall Covering, Vinyl-Coated; Revision D.
- 1.4 SUBMITTALS .1 Provide submittals in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Product Data: Manufacturer's data sheets on each product to be used, including:
- .1 Preparation instructions and recommendations.
- .2 Storage and handling requirements and recommendations.
- .3 Installation instructions.
- .3 Shop Drawings: Show layout, elevations, supports and anchorage, conditions and jambs and intersections with permanent walls, hardware, joints and connections..
- .1 Operators: Show location of operator, controls, and wiring diagram.
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- 1.4 SUBMITTALS  
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- .4 Selection Samples:  
.1 For each partition finish specified, two complete sets of colour chips representing manufacturer's full range of available colours and patterns.
- .5 Verification Samples:  
.1 For each partition finish specified, two samples, minimum size 150mm square, representing actual product, colour and patterns.
- .6 Test Reports: Certified test reports showing compliance with specified performance criteria.
- .7 Operation and Maintenance Data:  
.1 Include methods of operating, troubleshooting, and maintaining the specific partitions installed, with recommended methods of cleaning, especially finishes.
- 1.5 QUALITY ASSURANCE
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- .1 Field Measurements: Verify actual measurements of openings by field measurement prior to fabrication; show measurements on shop drawings.
- .2 STC Ratings: calculate STC in accordance with ASTM E 413 based on ASTM E 90 test on fully assembled partition on minimum size indicated:  
.1 Operable Panel Partitions: 4267mm high by 2819mm wide.
- .3 NRC Ratings: Substantiate by tests made in accordance with ASTM C 423.
- .4 Installer Qualifications: Experienced in performing work of the type specified.
- 1.6 DELIVERY, STORAGE AND HANDLING
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- .1 Deliver, store and handle products in accordance with manufacturer's recommendations.
- .2 Store products in manufacturer's unopened packaging until ready for installation.
- .3 Protect from exposure to harmful weather conditions, at temperature and humidity conditions recommended by manufacturer.
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1.7 WARRANTY .1 Provide manufacturer's standard 1 year warranty.

PART 2 - PRODUCTS

2.1 OPERABLE PANEL PARTITIONS .1 Existing owner supplied partition to be reused in locations as denoted on drawings.

PART 3 - EXECUTION

3.1 EXAMINATION .1 Do not begin installation until substrates have been properly prepared.  
.2 If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION .1 Clean surfaces thoroughly prior to installation.  
.2 Prepare surfaces using the methods recommended by the manufacturer for achieving the best results for the substrate under the project conditions.

3.3 INSTALLATION .1 Install in accordance with manufacturer's instructions and ASTM E 557.  
.2 Provide the services of the manufacturer's field representative to advise on proper installation procedures and inspect the finished work.  
.3 Install and adjust as required to achieve acoustical separation between adjacent areas.  
.4 Adjust locking hardware for proper operation.  
.5 Clean exposed surfaces after installation.  
.6 Clean up work area and adjacent areas and dispose of debris legally off site.

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- 3.4 DEMONSTRATION .1 Demonstrate operation and instruct Owner's personnel in proper operation and maintenance procedures.
- .2 Deliver keys and operation and maintenance date to Owner.
- 3.5 PROTECTION .1 Protect installed products until completion of project.
- .2 Touch-up, repair or replace damaged products before Substantial Completion.