

PART 1 - GENERAL

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| <u>1.1 SECTION INCLUDES</u> | .1 | Operable panel partitions. |
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| <u>1.2 RELATED SECTIONS</u> | .1 | Section 08 71 00 - Door Hardware |
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| <u>1.3 REFERENCES</u> | .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. |
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| <u>1.4 SUBMITTALS</u> | .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
(Cont'd) | .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 | .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 | .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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- ## PART 2 - PRODUCTS

- PART 3 - EXECUTION

- ### 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.

- 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.