

Part 1 General**1.1 Summary**

- .1 Unless otherwise indicated, follow the standards below when specifying work for folding doors. These standards are not intended to restrict or replace professional judgment.

1.2 Design Requirements

- .1 Specify finishes with class A flame spread.
- .2 Folding partitions for classrooms and other spaces used by the public must be motorized.

1.3 Guarantee

- .1 The products described in this section shall be guaranteed for a period of (2) two years against fabrication or installation. Pantographic frame, rails, and chariot for a period of ten (10) years from the date of substantial performance of the work.

Part 2 Products**2.1 Preferred Products**

- .1 The threshold level of compliance with the General Emissions Evaluation standards listed in **01 84 19** must be met by 100%.
- .2 For products with Environmental Product Declarations (EPDs), which may contribute to LEED® v4 MR Credit Building and Disclosure Optimization – Environment Product Declarations, refer to:
 - .1 UL Environment <http://productguide.ulenvironment.com/>
- .3 For products with Health Product Declarations (HPDs) and/or manufacturer inventory, for LEED® v4 MR Credit Building Product Disclosure and Optimization – Material Ingredients, refer to:
 - .1 Declare Product Database www.living-future.org/declare-products
- .4 Materials that are locally sourced (extracted, manufactured, and purchased) within 160 km (100 miles) are preferred and will increase cost values for credit calculations in the Materials and Resources Building Product Disclosure and Optimization credits.

2.2 Materials

- .1 Acoustical folding partition shall be composed of rigid twin wall panels, high pressure laminated with manufacturer's standard finishes and colors. These twin wall panels shall be 100 mm (4") wide and be connected by a sturdy extruded vinyl interior hinging system. The acoustical folding partitions shall be provided with fixed top and bottom sweep seals. The closing seal shall be assured by polished aluminum handles and jambs.

2.3 Track and Hanger Assembly

- .1 Shall be heavy-duty extruded aluminum having the same length as the opening including all necessary hardware pertaining to its installation. The track shall be concealed by wooden head moldings. The lead posts shall be supported by a nylon capped, steel ball-bearing four-wheel carriers and the twin panel modules shall be supported by a nylon capped, steel ball-bearing two-wheel carrier.

2.4 Acoustical Folding Partitions

- .1 For STC 42 to 50, accordion partition shall be laminated panels, "Sonicwal 66", as manufactured by Panelfold Canada Inc. or equivalent manufactured by Corflex or other approved equivalent.

END OF SECTION