

**Part 1 General****1.1 Summary**

- .1 Unless otherwise indicated, follow the standards below when specifying work for accordion 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.

**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 Wood products shall be certified by the following standard to ensure they are issued from sustainable forests (contractor shall submit proof to this effect). Certified wood products can contribute to LEED® v4 MR Credit Building Product Disclosure and Optimization – Sourcing of Raw Materials:
  - .1 FSC (Forest Stewardship Council). Refer to the FSC website to find FSC certified companies (<http://info.fsc.org/certificate.php>).
  - .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](http://www.living-future.org/declare-products)
  - .4 For Composite Wood Products:
    - .1 The threshold level of compliance with the Composite Wood Evaluation standards listed in **01 84 19** Part 3 for composite wood must be met by 100%.
    - .2 For resources to find composite wood products that are low-emitting and with Environmental Product Declarations (EPDs), see **01 84 19** Part 3.

- .5 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 The assembly shall be a joining pair of fixed-jamb partitions that attach and stack at opposite jambs and join in the center.
- .2 Panels shall be specially laminated engineered wood core, bonded with water-resistant plastic glue and surfaced with Walnut wood veneer.
- .3 Panels shall be hinged and edge sealed with heavy-duty, dual wall, flame resistant, extruded vinyl. Hinges shall be securely locked into and protect the panel edges. They shall provide “memory-action” causing panels to extend and stack equally, smoothly and quietly. Color shall be brown
- .4 Hardware shall include handles, touch-bar automatic latches and all necessary screws and fasteners

## **2.3 Track and Hanger Assembly**

- .1 Track shall be extruded aluminum, surface mounted, decorated type.
- .2 Specify hanger assembly with two wheels suspended on alternate panels. A four wheel truck hanger shall be installed on each end post. Wheels shall be ball-bearing.

## **2.4 Accordion Folding Partitions**

- .1 For STC 25 to 30, accordion partition shall be manually operated, “Scale /6”, wood type as manufactured by Panelfold Canada Inc. or other approved equivalent.

**END OF SECTION**