

DIVISION 8 – DOORS AND WINDOWS  
08 14 73 Sliding Wood Doors  
Magiglide Bipass Door

1. GENERAL

1.01 WORK INCLUDED

A. Base Bid

1. Contractor Provided: Particleboard bipass interior doors, prefinished painted, factory premachined, complete with hardware at locations indicated on the drawings and schedules.
2. Bipass doors shall be warrantied for one (1) year by the manufacturer.

1.02 RELATED WORK

A. Specified Elsewhere:

1. 06 20 00 Finish Carpentry
2. 09 90 00 Painting

1.03 SUBMITTALS

A. Shop Drawings: Showing application of doors to project, complete with installation instructions.

B. Product Data: Door manufacturer's technical data, including details of construction and hardware specifications.

2. PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

A. Manufacturer: Any recognized manufacturer of bipass particleboard doors complying with the requirements, including the following:

1. Landquist and Son, Inc: 9850 W. 190<sup>th</sup> Street, Suite L Mokena, IL 60448
2. Or approved equal

2.02 MATERIALS/FABRICATION

A. General: Specific sizes and types to be scheduled on the drawings.

B. References: **NOTE TO SPECIFIER: \*INDICATES NON-STANDARD VESTA BOARD\***

1. LEED v 4.1 certifications
  - a. MR Credit: Environmentally Preferable Products
  - b. MR Credit: Construction and Demolition Waste Management
  - c. EQ Credit: Low-Emitting Materials\*
2. CARB Compliant
  - a. CARB Composite Wood ATCM Phase II Formaldehyde Emissions Limits
3. Environmental Volatile Organic Compounds Emissions (Intertek)
  - a. CDPH 01350: PASS\*
4. American Disabilities Act (ADA)
  - a. 404.2.5 Thresholds at Doorways
  - b. 404.2.7 Door Hardware
  - c. 404.2.9 Door Opening Force
5. Fair Housing Act
  - a. 3.13 Door Thresholds

C. Basis of Design Options: Magiglide Bypass Door

**NOTE TO SPECIFIER: CHOOSE ONE FROM EACH CATEGORY \*INDICATES NON-STANDARD\***

1. Particleboard Thickness: 3/4 inch
2. Core: 45 lb density standard particleboard
3. Core: 45 lb density VESTA particleboard \*
4. Finish: Primed Paintable Melamine
5. Finish: Melamine\*
  - a. White, Almond or custom
6. Finish: Prefinished Painted\*
  - a. Indicate paint color
7. Finish: Wood Grain Veneer\*
  - a. Indicate Wood Species and Stain
8. Track: Extruded Aluminum
9. Pull: Manufacturer standard satin nickel flush cup pulls, factory machined.
10. Pull: Architect specified \*

D. Particleboard Bypass Doors: Comply with the following requirements

1. Bypass units to be fabricated of 45 lb density industrial grade particleboard, 3/4" thick.
2. Provide one of the following finishes:

**NOTE TO SPECIFIER: DELETE FINISHES THAT ARE NOT APPLICABLE TO PROJECT**

- a. Primed Paintable Melamine: Provide primed units with paint grade melamine panels, 2 sides.
  - b. Melamine: Provide melamine units with thermofused melamine 2 sides in manufactures standard off-white, almond, or custom.
  - c. Prefinished Painted: Provide factory prefinished units with paintable melamine 2-sides, prefinished with manufacturer's standard off-white or custom paint on face and all edges.
  - d. Wood Grain Veneer
    - 1) Prefinished: Provide prefinished wood grain veneer with all faces and vertical edges with clear or with stain.
    - 2) Unfinished: Provide unfinished wood grain veneer with all faces and vertical edges raw.
3. All edges of the panels shall be plasticized to match faces.
  4. Hardware to be factory applied to doors and track wherever practical.
  5. Track to be 1-5/8" x 1-1/2" No. 6063T6 extruded aluminum.
    - a. Track shall be designed as to prevent accidental removal of door hanger brackets. Panels shall not be removeable from the track without the prior removeable of the floor guides.
  6. Door hanger brackets shall be 14 gauge cold rolled steel, carbonized for additional strength.
    - a. Bracket shall have flange lock design to eliminate undue stress on screws.
    - b. Hanger bracket assembly shall be adjustable to accommodate out of level floors. Rollers shall heavy duty ball bearing nylon wheels.
  7. Floor guides shall be heavy duty nylon and steel of sufficient width and height to prevent accidental removal of panels.
  8. Door pulls shall be recessed brass plated cup pulls, factory machined.

### 3. EXECUTION

#### 3.01 EXAMINATION

A. Examine prepared openings prior to hanging doors to verify that the openings comply with the indicated requirements for type, size, location, and fold characteristics and have been installed with plumb jambs and level heads.

1. Reject any doors with defects.

2. Do not proceed installation until unsatisfactory conditions have been corrected.

#### 3.02 INSTALLATION

A. Condition doors to average prevailing humidity in installation area prior to hanging.

B. Install doors in accordance with manufacturer's instructions and as indicated.

#### 3.03 ADJUSTING AND PROTECTION

A. Operation: Rehang or replace doors which do not slide or operate freely.

B. Finished doors: Refinish or replace doors damaged during installation.

C. Protect doors as recommended by door manufacturer to ensure that doors will be without damage or deterioration at time of substantial completion.

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