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This document is intended to serve as a proprietary guide that provides Paniflex's recommendations for specification language applicable to its products.

This document does not inherently serve as a pre-written master specification. Review and edit as needed to suit each Project's requirements. Text in bold parentheses indicates choices or options that need to be selected by the party preparing the Project specifications.

CELEBRATING EXCELLENCE FOR OVER 60 YEARS

A New York Metropolitan-based manufacturer is a natural choice as a partner for companies nationwide. In 1957, The Paniflex Door Corporation started out as a small family-run business. Our skill was crafted through over 60 years of learning how to make the industry's best bifold and sliding doors. Today the Paniflex Corporation manufactures the highest quality doors in the widest range of sizes.

SECTION 08 14 73 - SLIDING CLOSET DOORS

PART 1 - GENERAL

1.1 SECTION INCLUDES

Delete types of sliding doors that are not applicable.

- A. Custom sliding closet (**Flush**) (**Routed panel**) (**Mirror**) (**Mir-Mel**) doors.

1.2 PREINSTALLATION MEETINGS

For large and complex project types, retain "Conference at Project site".

- A. Preinstallation Conference: Conduct preinstallation (**teleconference**) (**conference at Project site**).

1.3 SUBMITTALS

A. Action Submittals:

1. Product Data:
 - a. For each slider type.
 - b. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for sliding doors.
2. Shop Drawings:
 - a. Include plans, elevations, sections, and installation details.
 - b. For installation to aid in various installation scenarios include clearances required for operation, operating and control mechanisms and accessory items.
3. Samples: For each exposed product and for each color and texture specified.
4. Door Schedule: For sliding doors. Use same designations indicated on Drawings.

- B. Closeout Submittals:
 1. Operation and Maintenance Data: For sliding doors to include Use and Care Guide.

1.4 FIELD CONDITIONS

- A. Environmental Limitations: Do not deliver or install sliding closet doors until spaces are enclosed and weathertight, wet work in spaces is complete and dry, and HVAC system is operating and maintaining ambient temperature and humidity conditions at levels intended for building occupants after completion of construction during the remainder of the construction period..

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Provide sliding doors, frames, accessories, and related materials properly packaged and protected during shipping, handling, and storage to protect from damage.
- B. Store materials indoors under cover on flat and level surface, protected from dirt, debris, and moisture only after wet sanding or drywall finishing is completed.

1.6 WARRANTY

- A. Hardware Warranty: Manufacturer's warranty against defects in materials and workmanship to repair or replace hardware components deemed to be defective by manufacturer for the life of the product.
- B. Additional Warranty: Manufacturer's warranty for materials other than hardware against defects in materials and workmanship to repair or replace components deemed to be defective by manufacture for five (5) years.

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. Basis of Design: Design is based on sliding closet doors by Paniflex Door Systems, Farmingdale, NY, (631) 414-7725, Sales@Paniflex.com.

2.2 SLIDING CLOSET DOORS

- A. Description: Horizontal opening sliding closet doors supported with floor and overhead track and door guide in the following configuration:

Trim and track only available in chrome or black or matching.

- B. Trim/Track:
 1. Standard: **Chrome) (Black) (Matching).**
 2. Optional Triple Track: **(Chrome) (Matching).**

Retain paragraph below for Flush, Routed. Routed design panels are only available factory primed. Delete finishes not used in Project.

- C. Panel Finish: **(Factory primed) (Pre-finished white) (Pre-finished Cherry) (Pre-finished Espresso) (Stain Grade Maple) (Leather flush featuring Ecodomo Sustainable Leathers www.EcoDomo.com)**

Refer to Paniflex website for panel options by width. [Architects - Custom Closet Doors \(paniflex.com\)](http://Architects - Custom Closet Doors (paniflex.com))

2.3 MATERIALS

- A. MDF Flush Door Panels: 45 pound density; vertical sides edge-banded.
 1. ANSI A208.2, Grade 130 MDF.
 2. Toxic Substances Control Act: Product is compliant with "TSCA Title VI."

3. California Air Resources Board (CARB) compliant.
 4. **(Optional: 45 pound density MDF Trupan Vesta ULEF MDF panels supporting LEED credits.)**
- B. Pre-Finished Flush MDF Door Panels: 45 pound density MDF panels complying with ANSI A208.2, Grade 130. finished on both faces with thermally fused, melamine-impregnated decorative paper and complying with requirements of TSCA and CARB; vertical sides edge-banded.
1. Color: **(Pre-finished Cherry) (Pre-finished Espresso) (Pre-finished White)**.

Retain stain grade door panels only when stained closet doors are selected.

- C. Stain Grade Maple Flush Door Panels: 45 pound density MDF substrate. MDF vertical sides edge-banded with unfinished maple veneer.
1. Wood Veneer: Unfinished

Retain mirrored glass only if using sliding mirrored doors.

- D. Mirrored Glass Panels: Comply with ASTM C1503; 3-mm thick, aluminum with ASTM C1036 for Type I (transparent, flat), Class 1 (clear), Quality q2 (mirror)
1. Applied to MDF: Float glass, 3 mm thick, applied to 3/4 inch MDF with **(Beveled) (Polished)** edge treatment.
 2. Framed Mirrored Panel: Category II safety glass, 4 mm thick.

Fill in the blank with style selected by Architect. Routed panel design is only available in primed finish.

- E. Routed Panels: MDF flush doors with panel designs routed into them. Provide the following styles as selected by Architect:
1. Panel Style: [____].
- F. Mer-Mel Panels: 3-mm thick, Aluminum mirror with ASTM C1036 for Type I (transparent, flat), Class 1 (clear), Quality q2 (mirror) float glass applied to the face of the 45# panel. 4 edges beveled.
1. Color: **(Pre-finished Cherry) (Pre-finished Espresso) (Pre-finished White) (Primed) (Unfinished Maple)**.
- G. Slotted/Vented Panels: 45 pound density MDF; primed only.
1. Configurations:
 - a. **(Routed slots)** Specify configuration.
 - b. **(Steel Vents)** Specify configuration and airflow requirements.
 - c. **(Aluminum Grille)** Specific grille from Architectural Grille www.ArchGrille.com.
- H. Leather Panels: 45 pound density MDF panels; primed only. Wrapped in sustainable recycled leather veneer. RLV one good side. All edges wrapped.
1. Grain: _____.
 2. Color: _____.
- I. Aluminum Extrusions : ASTM B221, Alloy 6063-T5 or T6.
1. Finish: Powder Coating per AAMA 2605 in white, chrome, or black as selected by Architect.
- J. Top and Bottom Tracks: Manufacturer's aluminum track, adjustable bottom rollers and top guides, top track and maximum ADA compliant 7/16-inch-high bottom track, top guide channel.
1. Optional Triple Track: Provide triple track in **(chrome) (matching)** for 3-panel sliding doors.
- K. Hardware: Manufacturer's factory supplied and as follows:

1. Top: Manufacturer' s Top Guides.
2. Bottom: Manufacturer's adjustable ball/bearing rollers.
3. Handles:
 - a. Mirror: Flush Mounted Clear applique; one per panel.
 - b. Mirror Framed: None required (frame is the pull)
 - c. Flush/All others: Recessed:
 - 1) Standard: Two 1 inch recessed round finger pulls.
 - 2) Optional: Upgrade 1.5 inch x 4 inch recessed rectangular finger pull.
 - d. Finish Color: **(Chrome)** **(White)** **(Black)**.

2.4 FABRICATION

- A. Fabricate sliding doors in sizes indicated. Include a complete system for assembling components and anchoring doors.
- B. Complete fabrication, assembly, finishing, hardware application, and other work in the factory to greatest extent possible. Disassemble components only as necessary for shipment and installation.

2.5 PRIMED FINISH

- A. Roll/Paint with high-quality Interior, latex paint, following paint manufacturer's instructions.

Retain the following article only when shop-finished stain-grade panels are included in the Project. Revise to match selected finish, as needed.

2.6 STAIN GRADE SHOP FINISHING

- A. Stain and topcoat (or topcoat only) with high-quality interior products following manufacturer's instructions.

PART 3 - EXECUTION

3.1 PREPARATION

- A. For sliding doors supported by or anchored to permanent construction, advise installers of specific requirements for placement of anchorage devices. Furnish installers of other work with templates and drawings indicating locations of anchorage devices and similar items.

3.2 INSTALLATION

- A. General: Install sliding doors complying with manufacturer's written installation instructions.
 1. Install tracks in one or two pieces as recommended by manufacturer.
- B. Set units level, plumb, and true to line, without warp or rack of panels, and anchor securely in place.
- C. Adjust units to ensure smooth, quiet operation. Adjust hardware so panels meet and line up properly to walls with equal reveals. Adjust hardware to function smoothly.

END OF SECTION 08 16 73