



11303, 26th avenue
Montreal, Quebec
Canada H1E 6N6
Phone: (800) 479-1489
Fax: (800) 297-1489

PRODUCT GUIDE SPECIFICATION

SECTION 08 31 00

ACCESS DOORS AND FRAMES

PART 1 - GENERAL

1.1 SUMMARY

- A. Provide access doors, frames and attachments for walls and ceilings, including the following:
 - 1. Non-rated, general-purpose aesthetic hidden-flange access doors. (CTR series)
 - 2. Non-rated, general-purpose flush access doors. (AHD series)
 - 3. Insulated fire-rated access panels for walls and ceilings. (PFI series)
 - 4. Uninsulated fire-rated access panels for walls. (PFN series)
 - 5. Inward-opening insulated fire-rated access panels for horizontal applications. (PFU series)
 - 6. Recessed access panels. (AHA series)
 - 7. Medium security access doors. (MDS series)
 - 8. High security access panels. (PHS series)
 - 9. Insulated aluminum access doors. (PAL model)
 - 10. Removable access door with hidden flanges. (RMD model)
 - 11. Heavy duty door for large openings. (LHD model)
 - 12. Surface-mounted access doors. (SFM model)
- B. Related Sections:
 - 1. Section 04 22 00 - Concrete Unit Masonry.
 - 2. Section 08 71 00 - Finish Hardware, for keying.
 - 3. Section 09 21 16 - Gypsum Board Assemblies.
 - 4. Section 09 23 00 - Gypsum Plastering.
 - 5. Section 09 51 13 - Acoustical Panel Ceilings.
 - 6. Section 09 90 00 - Paints and Coatings.
 - 7. Division 23 - HVAC, including duct access doors.
 - 8. Division 26 - Electrical.

1.2 SYSTEM DESCRIPTION

- A. Design Requirements: Obtain specific locations and sizes for required access doors and frames from trades, including mechanical and electrical, requiring access to concealed equipment and indicated on submittal schedule.

1.3 SUBMITTALS

- A. Product Data: Manufacturer's technical data for each type of access door and panel assembly, including setting drawings, templates, fire-resistive characteristics, finish requirements, and

details of anchorage devices.

1. Include complete schedule, types, locations, construction details, finishes, latching or locking provisions, and other pertinent data.
 2. Include testing certifications for products submitted.
- B. Shop Drawings:
1. Door and Panel Units: Show types, elevations, thickness of metals, full size profiles of door members.
 2. Hardware: Show materials, finishes, locations of fasteners, types of fasteners, locations and types of operating hardware, and details of installation.
 3. Project Specific Details: Show connections of units and hardware to other Work. Include schedules showing location of each type and size of door and panel units.
- C. Manufacturer's Installation Instructions: Indicate installation requirements and rough-in dimensions.
- D. LEED Submittals: Submit manufacturer's certification of the following items which contribute to USGBC LEED Certification:
1. Recycled Content: Percentage of pre-consumer and post-consumer recycled content of material assembly determined by weight in accordance with USGBC requirements.
 2. Regional Materials: Percentage of regional materials which have been extracted, recovered and manufactured within 500 miles of the project site determined by weight in accordance with USGBC requirements. Location of manufacturer is Montreal, Canada.

1.5 QUALITY ASSURANCE

- A. Single Source Responsibility: Obtain access door and panel units, and frames for entire Project from one source and one manufacturer.
- B. Fire-Resistance Ratings: Where fire-resistance classification is indicated, provide assemblies with panel doors, frames, hinges, and latches from manufacturer listed in Intertek/Warnock Hersey "Building Materials Directory" for rating shown:
1. Provide 90 minute UL label at 2-hour rated partitions.
 2. Provide Warnock Hersey listed doors at 3 hour horizontal non-combustible ceiling applications, up to 24 inch wide x 36 inch high.
 3. Provide Warnock Hersey listed doors at 1 hour horizontal combustible ceiling applications up to 24 inch wide x 36 inch high.
 4. Comply with NFPA 252 or UL 10B for vertical access doors and frames.
 5. Comply with ASTM E 119 or UL263 for horizontal access doors and frames.
- C. Size Variations: Obtain Architect's acceptance and approval of manufacturer's standard size units that may vary slightly from sizes indicated on Drawings.
- D. Coordination: Provide inserts and anchoring devices that will be built into other Work for installation of access door assemblies. Coordinate delivery with other Work to avoid delay.

1.6 DELIVERY, STORAGE AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials indoors in a clean, dry area in accordance with manufacturer's instructions.
- C. Handling: Protect materials and finishes from damage during handling and installation.

1.7 WARRANTY

- A. Warranty: Provide manufacturer's standard warranty against defects in materials and workmanship.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Access Door Manufacturer: Cendrex Inc., 11303, 26th Avenue, Montreal, Quebec H1E 6N3, Toll-free 800-479-1489, www.cendrex.com. No substitutions.

2.2 ACCESS PANELS

- A. Non Rated General Purpose Aesthetic Hidden Flange Access Doors: Cendrex CTR series.
1. Doors: 16-gauge cold rolled sheet steel beveled on all 4 sides.
 2. Frames: 16-gauge cold rolled sheet steel with 1/2 inch flange at perimeter and 1/4 inch mounting holes.
 3. Hinges: Concealed, exclusive Pantograph double arm design hinges that allow the door to close over and hide the flange.
 4. Latching/Locking Devices:
 - a. Standard, screwdriver cam latches. Number varies with size of door. (Refer to manufacturer's literature)
 - b. Premium, key operated cylinder cam locks with 2 keys per lock, keyed alike.
 - c. Premium, dead lock mortises prepared to accept a 1-1/8 inch mortise cylinders. Cylinders and cores specified in Section 08 71 00 - Finish Hardware.
 - d. Premium, cam latches, tamper resistant Allen head.
 - e. Premium, cam latches, regular 3/16 inch Allen head.
 4. Gaskets: Extruded Neoprene around perimeters of the door panels.
 5. Materials, Finishes:
 - a. Steel Finish, Grey Color: Standard, phosphate dipped steel with DuPont polyester powder coating.
 - b. Steel Finish, White Color: Premium, phosphate dipped steel with DuPont polyester powder coating.
 - c. Galvanized Steel Finish, Grey Color: Premium, satin-coated, galvanized steel sheet with DuPont polyester powder coating.
 - d. Galvanized Steel Finish, White Color: Premium, satin-coated, galvanized steel sheet with DuPont polyester powder coating.
 - e. Stainless Steel Finish: Premium, No. 304 stainless steel with no. 4 satin polish.
- B. Non Rated General Purpose Flush Access Doors: Cendrex AHD series.
1. Doors: 16-gauge cold rolled sheet steel with 90 degrees 1/4 inch fold on all 4 sides for better structural rigidity.
 2. Frames: 16-gauge cold rolled sheet steel with 1/4 inch mounting holes.
 - a. AHD - All surfaces - 1 inch flange at perimeters.
 - b. AHD-GYP - Wallboard surfaces - 22-gauge galvanized drywall bead at perimeters.
 - c. AHD-PLY - Plaster surfaces - 22-gauge satin-coated, galvanized 3 inches plaster bead at perimeters.
 3. Hinges: Concealed stainless steel pin hinges (continuous piano hinges for doors over 24 inches in height or width and doors with gaskets).
 4. Latching/Locking Devices:
 - a. Standard, screwdriver cam latches. Number varies with size of door. (Refer to manufacturer's literature)
 - b. Premium, key operated cylinder cam locks with 2 keys per lock, keyed alike.
 - c. Premium, dead lock mortises prepared to accept a 1-1/8 inch mortise cylinders. Cylinders and cores specified in Section 08 71 00 - Finish Hardware.
 - d. Premium, cam latches, tamper resistant Allen head.
 - e. Premium, cam latches, regular 3/16 inch Allen head.
 5. Gaskets: Extruded Neoprene around perimeters of the door panels.
 6. Materials, Finishes:
 - a. Steel Finish, Grey Color: Standard, phosphate dipped steel with DuPont polyester

- powder coating.
 - b. Steel Finish, White Color: Premium, phosphate dipped steel with DuPont polyester powder coating.
 - c. Galvanized Steel Finish, Grey Color: Premium, satin-coated, galvanized steel sheet with DuPont polyester powder coating.
 - d. Galvanized Steel Finish, White Color: Premium, satin-coated, galvanized steel sheet with DuPont polyester powder coating.
 - e. Stainless Steel Finish: Premium, No. 304 stainless steel with no. 4 satin polish.
- C. Insulated Fire Rated Access Panels For Walls And Ceilings: Cendrex PFI series.
 - 1. Maximum Size Horizontal Applications: 24 inches x 36 inches.
 - 2. Maximum Size Vertical Applications: 48 inches x 48 inches.
 - 3. Doors: 20-gauge cold rolled sheet steel with 2-1/4 inch deep sandwich type assemblies.
 - 4. Frames: 16-gauge satin-coated, galvanized sheet steel of 2-1/2 inch depth with 1/4 inch mounting holes and masonry anchors.
 - a. PFI - All surfaces - 1 inch flanges at perimeters.
 - b. PFI-GYP - Wallboard surfaces - 22-gauge galvanized drywall beads at perimeters.
 - c. PFI-PLY - Plaster surfaces - 22-gauge satin-coated, galvanized 3 inches plaster beads at perimeters.
 - 5. Hinges: Flush continuous piano hinges.
 - 6. Latching/Locking Devices:
 - a. Standard, ring key/tool key operated latch bolts. Number varies with size of door. (Refer to manufacturer's literature)
 - b. Premium, key operated cylinder cams for latch bolts with 2 keys per lock, keyed alike.
 - c. Premium, dead lock mortises prepared to accept a 1-1/8 inch mortise cylinder. Cylinders and cores specified in Section 08 71 00 - Finish Hardware.
 - d. Premium, cam latches, regular 1/4 inch Allen head.
 - 7. Insulation: 2 inch thick fire rated mineral fiber.
 - 8. Automatic Closure Devices: Spring operated automatic closure devices for each door. Number of springs varies with size of doors. (Refer to manufacturer's literature).
 - 9. Interior Latch Releases: Mechanisms to allow for panels to open from interior sides.
 - 10. Gaskets: Extruded Neoprene around perimeters of the door panels.
 - 11. Materials, Finishes:
 - a. Steel Finish, Grey Color: Standard, phosphate dipped steel with DuPont polyester powder coating.
 - b. Steel Finish, White Color: Premium, phosphate dipped steel with DuPont polyester powder coating.
 - c. Galvanized Steel Finish, Grey Color: Premium, satin-coated, galvanized steel sheet with DuPont polyester powder coating.
 - d. Galvanized Steel Finish, White Color: Premium, satin-coated, galvanized steel sheet with DuPont polyester powder coating.
 - e. Stainless Steel Finish: Premium, No. 304 stainless steel with no. 4 satin polish.
- D. Uninsulated Fire Rated Access Panels For Walls Only: Cendrex PFN series.
 - 1. Maximum Size: 36 inch W x 36 inch H.
 - 2. Doors: 16-gauge cold rolled sheet steel with 1 inch return fold around perimeters.
 - 3. Frames: 16-gauge cold rolled sheet steel of 2-1/2 inch depth with 1/4 inch mounting holes and masonry anchors.
 - a. PFN - All surfaces - 1 inch flange at perimeter.
 - b. PFN-GYP - Wallboard surfaces - 22-gauge galvanized drywall bead at perimeter.
 - c. PFN-PLY - Plaster surfaces - 22-gauge satin-coated, galvanized 3 inches plaster bead at perimeter.
 - 4. Hinges: Flush continuous piano type.
 - 5. Latching/Locking Devices:

- a. Standard, ring key/tool key operated latch bolts. Number varies with size of door. (Refer to manufacturer's literature)
 - b. Premium, key operated cylinder cams for latch bolts with 2 keys per lock, keyed alike.
 - c. Premium, dead lock mortises prepared to accept a 1-1/8 inch mortise cylinder. Cylinders and cores specified in Section 08 71 00 - Finish Hardware.
 - d. Premium, cam latches, regular 1/4 inch Allen head.
- 6. Automatic Closure Devices: Spring operated automatic closures device for each door. Number of springs varies with size of doors. (Refer to manufacturer's literature)
- 7. Interior Latch Releases: Mechanisms to allow for panels to open from interior sides.
- 8. Materials, Finishes:
 - a. Steel Finish, Grey Color: Standard, phosphate dipped steel with DuPont polyester powder coating.
 - b. Steel Finish, White Color: Premium, phosphate dipped steel with DuPont polyester powder coating.
 - c. Galvanized Steel Finish, Grey Color: Premium, satin-coated, galvanized steel sheet with DuPont polyester powder coating.
 - d. Galvanized Steel Finish, White Color: Premium, satin-coated, galvanized steel sheet with DuPont polyester powder coating.
 - e. Stainless Steel Finish: Premium, No. 304 stainless steel with no. 4 satin polish.
- E. Inward Opening Insulated Fire Rated Access Panels for Horizontal Applications Only: Cendrex PFU series.
 - 1. Maximum Size: 24 inch x 36 inch.
 - 2. Doors: 20-gauge cold rolled sheet steel with 2 ¼ inch deep sandwich type assembly
 - 3. Frames: 16-gauge satin-coated, galvanized sheet steel of 2 ½ inch depth with 1/4 inch mounting holes and masonry anchors.
 - 4. Hinges: Continuous piano hinges.
 - 5. Latching/Locking Mechanisms: Factory installed 5/32 inch Allen key operated self latching bolts with ring key interior latch releases.
 - 6. Automatic Closures: Gravity self closing.
 - 7. Insulation: 2 inch thick fire rated mineral fiber.
 - 8. Interior Latch Releases: Ring key operated interior latch releases.
 - 9. Materials, Finishes:
 - a. Steel Finish, Grey Color: Standard, phosphate dipped steel with DuPont polyester powder coating.
 - b. Steel Finish, White Color: Premium, phosphate dipped steel with DuPont polyester powder coating.
 - c. Galvanized Steel Finish, Grey Color: Premium, satin-coated, galvanized steel sheet with DuPont polyester powder coating.
 - d. Galvanized Steel Finish, White Color: Premium, satin-coated, galvanized steel sheet with DuPont polyester powder coating.
 - e. Stainless Steel Finish: Premium, No. 304 stainless steel with no. 4 satin polish.
- F. Recessed Access Panels: Cendrex AHA series.
 - 1. Doors: 16-gauge cold rolled sheet steel.
 - 2. Recesses for In-Fill of Materials:
 - a. Standard, 5/8 inch.
 - b. Premium, 1/2 inch.
 - b. Premium, 3/4 inch.
 - b. Premium, 13/16 inch.
 - b. Premium, 1-1/2 inches.
 - 3. Frames: 16-gauge cold rolled sheet steel of 2 inch depth with 1/4 inch mounting holes.
 - a. AHA - Acoustical surfaces - no surface frames.
 - b. AHA-GYP - Wallboard surfaces - 22-gauge galvanized drywall beads at perimeters.

- c. AHA-PLY - Plaster surfaces - 22-gauge satin-coated, galvanized plaster beads at perimeters.
 - 4. Hinges: Continuous piano hinges.
 - 5. Latching/Locking Devices:
 - a. Standard, 1/4 inch Allen head operated cam latches with neck allowing the head to stand flush to the top of the in-fill material. Number of locks varies with size of doors.
 - b. Premium, key operated cylinder cams with 2 keys per lock, keyed alike with neck allowing the heads to stand flush to the top of the in-fill materials.
 - 6. Gaskets: Extruded Neoprene around perimeters of the door panels.
 - 7. Materials, Finishes:
 - a. Steel Finish, Grey Color: Standard, phosphate dipped steel with DuPont polyester powder coating.
 - b. Steel Finish, White Color: Premium, phosphate dipped steel with DuPont polyester powder coating.
 - c. Galvanized Steel Finish, Grey Color: Premium, satin-coated, galvanized steel sheet with DuPont polyester powder coating.
 - d. Galvanized Steel Finish, White Color: Premium, satin-coated, galvanized steel sheet with DuPont polyester powder coating.
 - e. Stainless Steel Finish: Premium, No. 304 stainless steel with no. 4 satin polish.
- G. Medium Security Access Doors: Cendrex MDS series.
- 1. Doors: 14-gauge galvanized steel with 90 degrees 1/4 inch fold on all 4 sides.
 - 2. Frames: 14-gauge galvanized sheet steel of 1-1/2 inch depth with one inch flanges at perimeters and 1/4 inch mounting holes.
 - 3. Hinges: Continuous piano hinges.
 - 4. Latching/Locking Devices:
 - a. Standard, key operated cylinder cams with 2 keys per lock, keyed alike.
 - b. Premium, mortise prepared for cylinder.
 - c. Premium, dead lock mortise prepared to accept a 1-1/8 inch mortise cylinder. Cylinders and cores specified in Section 08 71 00 - Finish Hardware.
 - d. Premium, tamper resistant Allen head cam latches.
 - 5. Materials, Finishes:
 - a. Steel Finish, Grey Color: Standard, phosphate dipped steel with DuPont polyester powder coating.
 - b. Steel Finish, White Color: Premium, phosphate dipped steel with DuPont polyester powder coating.
 - c. Stainless Steel Finish: Premium, No. 304 stainless steel with no. 4 satin polish.
- H. High Security Access Panels: Cendrex PHS series.
- 1. Doors: 10-gauge cold rolled steel plates.
 - 2. Frames: 2 inch by 2 inch by 3/16 inch thick steel angle frames.
 - 3. Hinges: 3 inch x 3 inch (13 gauge steel) heavy-duty steel butt hinges welded to the doors and frames (surface mounted).
 - 4. Latching/Locking Devices:
 - a. Mortise cylinders prepared to accept a 1-1/8 inch mortise cylinder.
 - b. Mortise deadbolt locks to accept a 1-1/8 inch mortise cylinder. Cylinders and cores specified in Section 08 71 00 - Finish Hardware.
 - c. Heavy-duty detention lock mortise preparation. Lock specified in Section 08 71 00 - Finish Hardware.
 - 5. Materials, Finishes:
 - a. Steel Finish, Grey Color: Standard, phosphate dipped steel with DuPont polyester powder coating.
 - b. Steel Finish, White Color: Premium, phosphate dipped steel with DuPont polyester powder coating.

- I. Insulated Aluminum Access Doors: Cendrex PAL model.
 - 1. Doors: 0.064 inch aluminum insulated 1 inch sandwich type construction.
 - 2. Frames: 0.064 inch aluminum of 2-1/2 inch depth with 1 inch flange at perimeter and 1/4 inch mounting holes.
 - 3. Hinges: Aluminum continuous piano hinges.
 - 4. Latching/Locking device: Key operated cylinders.
 - 5. Latching/Locking Devices: 1 or 2 dual acting handles, depending on door size. (Refer to manufacturer's literature)
 - a. Standard, key operated cylinder cam locks with 2 keys per lock, keyed alike.
 - b. Premium, screwdriver operated cylinder cam latches.
 - c. Premium, mortise prepared to accept a 1-1/8 inch mortise cylinders. Cylinder and core specified in Section 08 71 00 - Finish Hardware.
 - d. Premium, 4 inches handle operated cam latches with interior and exterior releases.
 - 6. Insulation: 1 inch thick fiberglass.
 - 7. Gaskets: Extruded Neoprene around perimeters of the door panels.
 - 8. Materials, Finishes:
 - a. Aluminum Finish, Grey Color: Standard, phosphate dipped steel with DuPont polyester powder coating.
 - b. Aluminum Finish, White Color: Premium, phosphate dipped steel with DuPont polyester powder coating.
- J. Removable Access Door With Hidden Flanges: Cendrex RMD model.
 - 1. Doors: 16-gauge cold rolled steel sheet beveled on all 4 sides.
 - 2. Frames:
 - a. 16-gauge cold rolled steel sheet and 1/2 inch flange at perimeter.
 - b. 24-gauge galvanized steel of 1-1/16 inch depth with notches to allow bending behind wall surface and 1/2 inch flange at perimeter.
 - 3. Latching/Locking Devices:
 - a. Standard, screwdriver cam latches. Number varies with size of door. (Refer to manufacturer's literature)
 - b. Premium, cam latches, regular 3/16 inch Allen head.
 - 4. Louvered panels to provide ventilation.
 - 5. Gaskets: Extruded Neoprene around perimeters of the door panels.
 - 6. Materials, Finishes:
 - a. Steel Finish, Grey Color: Standard, phosphate dipped steel with DuPont polyester powder coating.
 - b. Steel Finish, White Color: Premium, phosphate dipped steel with DuPont polyester powder coating.
 - c. Stainless Steel Finish: Premium, No. 304 stainless steel with no. 4 satin polish.
- K. Heavy Duty Door For Large Openings: Cendrex LHD model.
 - 1. Doors: 16-gauge cold rolled sheet steel with 1 inch return fold around perimeter.
 - 2. Frames: 16-gauge cold rolled sheet steel of 2-1/2 inch depth with 1/4 inch mounting holes.
 - a. LHD - All surfaces - 1 inch flange at perimeters.
 - b. LHD-GYP - Wallboard surfaces - 22-gauge galvanized drywall beads at perimeters.
 - c. LHD-PLY - Plaster surfaces - 22-gauge satin-coated, galvanized 2.75 inches plaster beads at perimeters.
 - d. LHD-Double Leaf- double door configurations.
 - 3. Hinges: Flush continuous piano hinges.
 - 4. Latching/Locking Devices:
 - a. Standard, ring key/tool key operated latch bolt. Number varies with size of door.
 - b. Premium, key operated cylinder cams for latch bolts with 2 keys per lock, keyed alike.
 - c. Premium, dead lock mortise prepared to accept a 1-1/8 inch mortise cylinder.

- Cylinder and core specified in Section 08 71 00 - Finish Hardware.
- d. Premium, regular 1/4 inch Allen head cam latch.
- 5. Automatic Closure Devices: Spring operated automatic closure device for each door. Number of springs varies with size of doors. (Refer to manufacturer's literature)
 - 6. Interior Latch Releases: Mechanisms to allow for panel to open from interior side.
 - 7. Materials, Finishes:
 - a. Steel Finish, Grey Color: Standard, phosphate dipped steel with DuPont polyester powder coating.
 - b. Steel Finish, White Color: Premium, phosphate dipped steel with DuPont polyester powder coating.
 - c. Galvanized Steel Finish, Grey Color: Premium, satin-coated, galvanized steel sheet with DuPont polyester powder coating.
 - d. Galvanized Steel Finish, White Color: Premium, satin-coated, galvanized steel sheet with DuPont polyester powder coating.
 - e. Stainless Steel Finish: Premium, No. 304 stainless steel with no. 4 satin polish.
- L. Surface Mounted Access Doors: Cendrex SFM model.
- 1. Doors: 16-gauge cold rolled steel sheet.
 - 2. Frames: 16-gauge cold rolled steel.
 - 3. Latching/Locking Devices:
 - a. Standard, screwdriver cam latches. Number varies with size of door. (Refer to manufacturer's literature)
 - b. Premium, cam latches, tamper resistant Allen head.
 - c. Premium, cam latches, regular 3/16 inch Allen head.
 - d. Premium, key operated cylinder cams for latch bolts with 2 keys per lock, keyed alike.
 - 4. Materials, Finishes:
 - a. Steel Finish, Grey Color: Standard, phosphate dipped steel with DuPont polyester powder coating.
 - b. Steel Finish, White Color: Premium, phosphate dipped steel with DuPont polyester powder coating.
 - c. Stainless Steel Finish: Premium, No. 304 stainless steel with no. 4 satin polish.

2.4 FABRICATION

- A. Manufacture access panel assemblies as integral units ready for installation.
- B. Furnish with four 1/4 inch mounting holes to secure access panels to types of supports indicated on Drawings.
- C. Form face of panels to provide specified recess for application of finish material when specified. Reinforce panels as required to prevent buckling.
- D. Furnish number of latches required to hold door in flush, smooth plane when closed.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify that rough openings for door and frame are correctly sized and located.
- B. Verify mechanical and electrical requirements for ceiling or wall access panels.

3.2 PREPARATION

- A. Advise installers of work relating to access panel installation including rough opening dimensions, locations of supports, and anchoring methods.

- B. Coordinate delivery with other work to avoid delay.

3.3 INSTALLATION

- A. Install access door and frame units in accordance with manufacturer's instructions at locations indicated on the Drawings including the following:
 - 1. Install frames plumb, level, square, rigid without warp or rack in opening.
 - 2. Use manufacturers' supplied hardware.
 - 3. Provide proper support for frames.
 - 4. Anchor frames securely in place.
 - 5. Position units to provide convenient access to concealed work requiring access.
 - 6. For fire-rated units, install manufacturer's supplied springs and brackets and test door for automatic self closure.

3.4 ADJUSTING

- A. Adjust access doors, panels and latches for smooth operation without binding.
- B. Inspect and adjust locks to operate properly.
- C. Remove and replace panels or frames that are warped, bowed, or damaged.

3.5 CLEANING

- A. Clean surfaces in accordance with manufacturer's instructions.
- B. Do not use abrasive cleaners.

3.6 PROTECTION OF INSTALLED CONSTRUCTION

- A. Protect access doors and finish from damage during construction.

END OF SECTION