

Product Guide Specification

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" when editing this section.

Contact info@privadapartitions.com with any questions.

Specifier Notes: Edit the section title as required.

SECTION 102113 TOILET COMPARTMENTS

PART 1 GENERAL

1.1 SECTION INCLUDES

Specifier Notes: This section covers Privada® toilet compartments and urinal privacy screens with concealed frame and mounting brackets. Consult your Privada representative for assistance in editing this section for the specific application.

- A. TOILET COMPARTMENTS WITH CONCEALED FRAME AND MOUNTING BRACKETS (Privada)
 - 1. Toilet Compartments: Configuration: Floor-Anchored, Overhead-Braced.
 - 2. Urinal Privacy Screens: Configuration: Floor-Anchored.

1.2 RELATED REQUIREMENTS

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section. Verify section numbers and titles.

- A. Section 061000 - Rough Carpentry, coordination with blocking in walls to secure panels, fascia panels.
- B. Section 092000 - Plaster and Gypsum Board, coordination with blocking.
- C. Section 093000 - Tiling, coordination with layout and installation.
- D. Section 102800 - Washroom Accessories, for accessories.
- E. Section 102814 - Baby Changing Stations, for baby changing stations.

1.3 SUBMITTALS

- A. Product Data: Submit manufacturer's data sheets for each product specified.
- B. Shop Drawings: Submit manufacturer's shop drawings for each product specified, including the following:
 - 1. Plans, elevations, details of construction and attachment to adjacent construction.

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2. Show anchorage locations and accessory items.
3. Verify dimensions with field measurements prior to final production of toilet compartments.

Specifier Notes: Delete the following LEED Submittals section if LEED is not required on the project.

C. LEED Submittals:

1. Materials and Resource Credits MR4.1 and MR4.2 - Recycled Content; submit manufacturer's calculation of value of recycled content for specified products, calculated in accordance with USGBC LEED certification requirements.
2. Materials and Resource Credits MR5.1 and MR5.2 – Regional Materials; submit manufacturer's calculation of value of recycled content for specified products, calculated in accordance with USGBC LEED certification requirements.
3. Materials and Resource Credit MR6 - Rapidly Renewable Materials; submit manufacturers certification that products contain raw materials that are derived from plants that are harvested within a 10 year cycle or shorter.
4. Materials and Resource Credit MR7- Certified Wood; submit manufacturers certification that a minimum of 50% of wood based materials are certified in accordance with Forest Stewardship Council (FSC) Guidelines.
5. Indoor Environmental Quality Credit IEQ 4.1 – All adhesives and sealants must comply with South Coast Air Quality Management District (SCAQMD) Rule #1168 limits for volatile organic compounds (VOCs); submit manufacturer's certification for low chemical emissions.
6. Indoor Environmental Quality Credit IEQ 4.4 (Available Upon Request) – No Added Urea Formaldehyde; submit manufacturer's certification that composite and agrifiber products contain no added urea-formaldehyde resins and that laminating used to fabricate on-site and shop-applied composite wood and agrifiber contain no added urea-formaldehyde resins.

Specifier Notes: Delete the following USA Certificate of Origin section if not required on the project.

- D. USA Certificate of Origin: Manufacturer must supply with first submittal, an example of their Certificate of Origin declaring toilet compartments are wholly manufactured and assembled specifically in the United States, including city and state locations. A notarized Certificate of Origin must be provided with closeout documents.

1.4 QUALITY ASSURANCE

Specifier Notes: Edit the following paragraphs as required for the project. Reference applicable Accessibility requirements in section C. Accessibility Requirements.

- A. Manufacturer: Provide products manufactured by a company with a minimum of 10 years successful experience manufacturing similar products.
- B. Single Source Requirements: To the greatest extent possible provide products from a single manufacturer.
- C. Accessibility Requirements: Comply with requirements applicable in the jurisdiction of the project, including but not limited to ADA and ICC/ANSI A117.1 requirements as applicable.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store and handle materials and products in strict compliance with manufacturer's instructions and recommendations. Protect from damage.

1.6 WARRANTY

- A. Manufacturer's Warranty: Manufacturer's standard 10 year warranty for materials and workmanship. Manufacturer's standard 10 year guarantee against defects in material and workmanship for door hardware, frame and mounting brackets

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. Basis-of-Design Products: Based on the quality and performance requirements of the project, specifications are based solely on the products of Privada, www.privadapartitions.com. Location of manufacturing shall be the United States.
- B. Substitutions: The Architect will consider products of comparable manufacturers as a substitution, pending the contractor's submission of adequate documentation of the substitution in accordance with procedures in Division 01 of the Project Manual. Documentation shall include a list of five similar projects of equivalent size where products have been installed for a minimum of two years, and manufacturer's certification that products are fabricated in the United States.

2.2 TOILET COMPARTMENTS WITH CONCEALED FRAME AND MOUNTING BRACKETS (Privada)

Specifier Notes: Choose one of two finishes available and delete the other one .

- A. Finish **[choose one]**:
 - 1. High Pressure Laminate
 - a. Color: As selected by Architect from manufacturer's standard range.
 - b. Color: As indicated in Finish Schedule.
 - 2. High-Pressure Decorative Wood Veneer Laminate
 - a. Color: As selected by Architect from manufacturer's standard range.
 - b. Color: As indicated in Finish Schedule
- B. Toilet Compartments:
 - 1. Configuration: Floor-Anchored, Overhead-Braced partitions; matte finish, extruded anodized aluminum headrails 0.13-inch (3.3 mm) thick
 - a. Basis-of-Design: Privada Toilet Compartments.

1) Door Hardware:

- (a) (Standard) 304 Stainless steel #4 Finish

Specifier Notes: Choose pedestal finish standard anodized aluminum base with polished aluminum top or 304 stainless steel #4. Delete pedestal finish option not selected.

2) Pedestal [choose one]:

- (a) (Standard) Anodized aluminum matte finish base with polished aluminum top
(b) (Optional) 304 Stainless steel #4 Finish

Specifier Notes: Choose from standard system height of 82-1/8-inch with 9-inch floor clearance or variable max height up to 101-1/8-inch with 4-inch floor clearance. Delete height options not selected.

3) Height **[choose one]**:

- (a) Standard Height: 72-inch tall doors, fascias and panels. Overall height from finished floor to top of headrail is 82-1/8 inch with 9-inch floor clearance
(b) (Optional) Custom height: Overall height up to 96-inch tall doors, fascias and panels. Overall height from finished floor to top of headrail is 101-1/8 inch with 4-inch floor clearance.

2. Fire Resistance :

a. Class B

- 1) Flame Spread Index (ASTM E 84): No more than 75 for panels, doors and fascia panels.
- 2) Smoke Developed Index (ASTM E 84): No more than 450 for panels, doors and fascia panels.
- 3) National Fire Protection Association/International Building Code Interior Wall and Ceiling Finish: Class B.
- 4) Uniform Building Code: Class II.

C. Urinal Privacy Screens:

1. Basis-of-Design: Privada Floor-Anchored Urinal Privacy Screens.
2. Hardware: To match partition hardware.

1. Fire Resistance :

a. Class B

- 1) Flame Spread Index (ASTM E 84): No more than 75 for panels, doors and fascia panels.
- 2) Smoke Developed Index (ASTM E 84): No more than 450 for panels, doors and fascia panels.
- 3) National Fire Protection Association/International Building Code Interior Wall and Ceiling Finish: Class B.

4) Uniform Building Code: Class II.

D. Finished Thickness: 1-inch (25 mm) for fascia panels, doors and divider panels. Finished thickness of doors and fascia panels to ensure flush front.

E. Materials: 3-ply, fascia panels, divider panels, and doors.

1. Cores: 45 lb (20.4 kg) density, industrial grade, resin-impregnated, particle board.

Specifier Notes: Choose **one** of **two** surfaces corresponding with the selection and delete the other **two**.

2. Surfaces **[choose one]**:

- a. High Pressure Laminate ANSI/NEMA LD3-2005 minimum thickness 0.035-inch (0.89 mm)
- b. High-Pressure Decorative Wood Veneer Laminate 0.039-inch (1 mm) thick

3. Fabrication: Finish material bonded to core material with adhesive specially formulated to prevent delamination. Edges bonded prior to bonding face sheets. Splices or joints in faces or edges are not acceptable except in the case of material limitations.

F. Anchors: Expansion wedge anchor, 3/8-inch diameter threaded rod with hex nut, washer and lock washer at each floor connection as applicable.

G. Frame:

- 1. Headrail: Secured to wall with concealed mounting bracket.
- 2. Divider Panels: Anchored by pedestal beneath divider behind front line of toilet compartments and at the wall by continuous brackets.
- 3. Fascia Panels: Supported by divider panel behind front line of toilet compartments. Pedestals not permitted beneath the fascia panels except on ADA compartments.
- 4. Mounting Brackets and Fasteners: Anodized aluminum with matte finish U-Channel and L-Channel brackets mounted on the interior of compartment. Mounting brackets and fasteners are not visible from compartment exterior. Fasteners are not visible from the interior.
- 5. Privacy: Line-of-sight blocked at all connection points.
 - a. Door and fascia panel edges are surfaced in anodized aluminum with interlocking design preventing line-of-sight. No fasteners are visible on the edge. Aluminum is not visible on the surface of doors and fascia panels.
 - b. Hinges are mortised into edges of the door and fascia panel. Where the hinges do not block line-of-sight, interlocking anodized aluminum channels are secured into the edge.
 - c. Continuous aluminum U-Channels fasten divider panels to the fascia panels and wall.
 - d. Continuous aluminum L-Channels fasten wall to fascia panels or corner divider panels, and the corner divider panel to the corner fascia panel.

H. Hardware:

Specifier Notes: Edit hardware details as required. If 4-inch floor clearance is required, change all references to the 9-inch floor clearance to 4-inch floor clearance. Edit pedestal hardware finish details as required where (or anodized aluminum) or (or stainless steel) are noted based on the desired hardware selection in section (2.2 B. A. 1 Hardware).

1. Compliance
 - a. Door handle is operable with one hand, without tight grasping, pinching, or twisting of the wrist, and force to operate does not exceed five pounds.
 - b. Toe Clearance **[choose one]**:
 - 1) 9-inch high minimum clearance maintained under fascia panel and side divider panels.
 - 2) 4-inch high minimum clearance maintained under fascia panel and side divider panels. Note: Accommodations must be made for compliance with toe clearance accessibility standard.
2. Emergency Access: Latch allows door to be opened from outside compartment with a 3mm Allen key wrench.
3. Fastening: Hardware secured to door and fascia by stainless steel sheet metal screws.
4. Mounting: Hinges, keepers, latches, coat hooks and their fasteners concealed inside compartment. Exposed hinges on exterior of compartment not acceptable with the exception of accessible compartments or outward swinging doors.
5. Hinges: Stainless steel single-action spring hinges maintain door in closed position at all times and ensure closing speed of no fewer than 4 seconds from a 90 degree position.
6. Door Hardware Type
 - a. Locking: Door locked from interior by moving door handle to engage in the surface mounted latch keeper. The door handle and keeper are stainless steel and surface-mounted. The internal door handle automatically retracts to open position once handle pivot reaches 45-degree open. Integral door bumper in the fascia panel edge prevents doors from slamming against fascia panel.
 - b. Occupancy indicator: Circular escutcheon is stainless steel with a chamfered edge. White (not occupied) or Red (occupied) color indicates not occupied or occupied. Occupancy Indicator colors are protected by clear window.
 - c. Pedestal: Cylindrical pedestal supports divider panels and maintains a 9-inches high toe clearance under fascia panel and side divider panels with +1.5/-0.5-inch of adjustment for floor variance. Lower portion cylinder is anodized aluminum in matte finish, and the upper portion is anodized aluminum in polished finish (or stainless steel in uniform brushed finish if selected). When installed beneath corner divider panel, no fasteners are visible from exterior. (Optional pedestal supports a 4-inch floor clearance.)
 - d. Coat hook: Standard stainless steel brushed finish with integral bumper.

PART 3 – EXECUTION

3.1 PREPARATION

- A. Prepare substrates including but not limited to blocking and supports in walls at points of attachment using methods recommended by the manufacturer for achieving the best result for the substrates under the project conditions.

1. Inspect areas scheduled to receive compartments for correct dimensions, plumbness of walls, and soundness of surfaces that would affect installation of mounting brackets.
 2. Verify spacing of plumbing fixtures to assure compatibility with installation of compartments.
- B. If preparation is the responsibility of another installer, notify Architect in writing of deviations from manufacturer's recommended installation tolerances and conditions.
- C. Do not proceed with installation until substrates have been properly prepared with blocking and supports in walls at points of and deviations from manufacturer's recommended tolerances are corrected. Commencement of installation constitutes acceptance of conditions.

3.2 INSTALLATION

- A. Privada installation must be performed by a trained and certified Privada dealer/installer. Contact info@privadapartitions.com for the authorized Privada dealer near you.
- B. Install products in strict compliance with manufacturer's written instructions and recommendations, including the following:
1. Verify blocking and supports in walls have been installed properly at points of attachment.
 2. Verify location does not interfere with door swings or use of fixtures.
 3. Use fasteners and anchors suitable for substrate and project conditions
 4. Install units rigid, straight, plumb, and level.
 5. Conceal evidence of drilling, cutting, and fitting to room finish.
 6. Test for proper operation.
 7. Verify that gaps between fascia panels and doors are blocked and ensure privacy.

3.3 ADJUSTING, CLEANING AND PROTECTION

- A. Adjust hardware for proper operation after installation. Verify that doors self-close and when from the 90-degree position, the door closes in no fewer than 4 seconds.
- B. Touch-up, repair or replace damaged products.
- C. Clean exposed surfaces of compartments, hardware, and fittings.

END OF SECTION 10 21 13