

Cubiform® Phenolic Toilet Compartments

European-style, overhead-braced solid phenolic toilet compartments with floating pilasters and zero sightlines.



Cubiform® Phenolic Toilet Compartments at The Pickleball Club of Port St. Lucie, Florida — floating pilasters on stainless steel floor pedestals with rabbeted zero-sightline edges. Project installation shown for reference; color, size, and configuration are as specified for that project rather than as documented on this sheet.

PRODUCT OVERVIEW

Cubiform® Phenolic Toilet Compartments are factory-fabricated solid phenolic (compact laminate) toilet compartments in a European-style, overhead-braced configuration. Pilasters float from a continuous anti-grip aluminum headrail, and floor loads are carried by a stainless steel pedestal beneath each divider panel. Full-height 72-inch doors and panels, reduced floor clearance, and rabbeted meeting edges produce a zero-sightline installation. Self-supporting and resistant to moisture, humidity, impact, and graffiti. Reference specification: Section 10 21 13.17 - Phenolic Toilet Compartments.

Panel material	Solid phenolic compact laminate, NEMA LD 3
Mounting	Overhead-braced, floating pilasters
Door & panel height	72" (1829 mm)

CUBIFORM® PHENOLIC TOILET COMPARTMENTS TECHNICAL DATA SHEET

Floor clearance	6" std; 9" / 12" optional
Privacy	Rabbeted zero-sightline system
Core color	Black or brown

TECHNICAL DATA

Characteristic	Technical data
Panel material	Cellulose fiber layers impregnated with thermosetting phenolic resin, fused under high heat and pressure with integral decorative melamine surface layers; black or brown core. Self-supporting, non-delaminating, and resistant to moisture, humidity, impact, and graffiti
Mounting style	Overhead-braced with floating pilasters. Pilasters are suspended from the continuous anti-grip aluminum headrail and float clear of the floor (no floor shoes). Floor loads are carried by a stainless steel pedestal beneath each divider panel
Privacy configuration	European-style, zero-sightline system. Door and pilaster meeting edges are rabbeted with an interlocking profile that closes the door-to-pilaster gap; full-height 72" doors and panels with reduced floor clearance further eliminate sightlines and gaps
Door & panel height	72" (1829 mm); top of door and panel approximately 78" (1981 mm) above finished floor at the standard 6" clearance
Floor clearance	6" (152 mm) standard; 9" (229 mm) or 12" (305 mm) optional
Doors	3/4" (19 mm) thick solid phenolic
Pilasters (floating)	3/4" (19 mm) thick solid phenolic, suspended from the headrail and held clear of the floor; not floor-anchored, no floor shoes
Divider panels	1/2" (13 mm) or 3/4" (19 mm) thick solid phenolic, floor-supported on a stainless steel pedestal at the underside of each panel
Floor pedestal	Type 304 stainless steel pedestal beneath each divider panel, No. 4 satin finish, with concealed threaded leveling; the sole floor-bearing support for the run
Headrail	Extruded aluminum anti-grip headrail, clear or color anodized, continuous across the run, anchored to walls and blocking and supporting the floating pilasters
Edges	Machined smooth with a 15-degree bevel on exposed edges; no crown molding
Colors and finish	Selected from the manufacturer's standard color range; black or brown core; matte or suede finish
Brackets	"D"-type wall and panel brackets, flush-mounted, aluminum or Type 304 stainless steel, through-bolted for a rigid installation
Hinges	Self-closing, surface-mounted, through-bolted gravity-cam hinges (adjustable to a preset rest position), or continuous integral hinge
Latch	Surface-mounted slide latch with an integral vacant / occupied occupancy indicator on the outside face of the door, rubber-faced combination strike and keeper, and emergency access from outside

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Characteristic	Technical data
Coat hook	Combination coat hook with integral rubber-tipped door bumper, mounted below the top of the door
Fasteners	Stainless steel, tamper-resistant (one-way or pin-in-head) at exposed locations
Urinal & dressing screens	Matching solid phenolic, 1/2" (13 mm) or 3/4" (19 mm) thick, wall-mounted on brackets, where scheduled
Accessibility	Accessible compartments provided in compliance with ICC/ANSI A117.1 and the 2010 ADA Standards: outswing doors, door pulls on both sides, and hardware operable with one hand
Surface burning characteristics	ASTM E84; Class A (Class 1) or Class B as required by code and the authority having jurisdiction. Independent test reports to be submitted
Certifications	UL GREENGUARD / GREENGUARD Gold, where required by the Project
Environmental limits	Maintain 60 to 80 °F (16 to 27 °C) and 35 to 55 percent relative humidity during storage, installation, and the product life cycle. Solid phenolic is dimensionally stable but not dimensionally inert
Warranty	Fifteen (15) years from the date of Substantial Completion against defects in materials and manufacture, including delamination and breakdown of the phenolic panels from moisture and humidity, when installed and maintained within the specified environmental limits. Refer to AAPG's published warranty for full terms
Applications	Commercial, institutional, high-traffic, and high-humidity restrooms, including schools, stadiums, airports, and recreational facilities

Nominal dimensions: All dimensions shown are nominal. Final product selection and detailing should be confirmed against current production data, project conditions, applicable codes, and installation requirements.

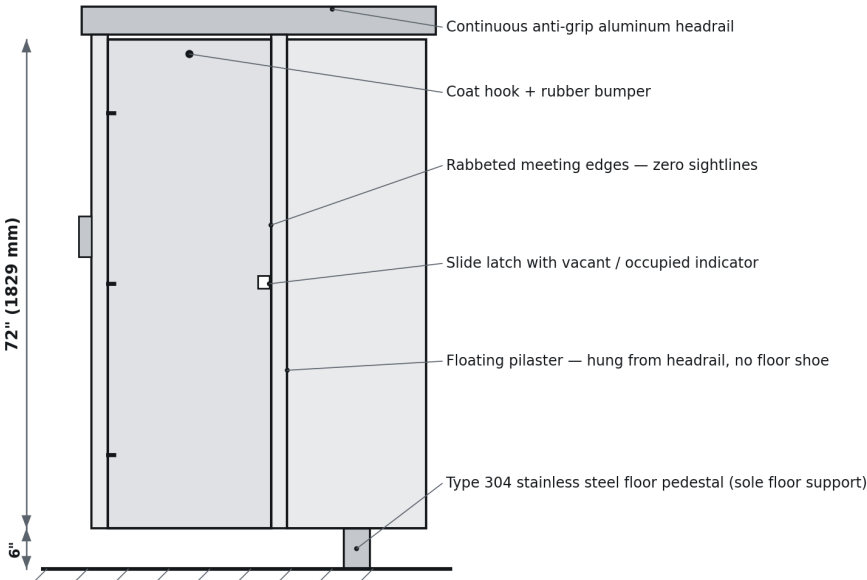
Installation. This data sheet is issued for product selection and design coordination only. **It is not an installation instruction, and nothing on this document is to be used for installation.** Install in accordance with AAPG's current published installation instructions and the approved shop drawings. In-wall blocking, headrail support, and floor anchorage capacity depend on project conditions and must be verified. Where this sheet and the installation instructions differ, the installation instructions govern.

CUBIFORM® PHENOLIC TOILET COMPARTMENTS TECHNICAL DATA SHEET

Compartment Elevation, Plan Detail & Dimensions

Cubiform® compartments are European-style and overhead-braced: floating pilasters hang from a continuous anti-grip headrail while a stainless steel pedestal beneath each divider panel carries floor loads. Rabbeted door and pilaster edges produce a zero-sightline installation. Select floor clearance from the options shown; provide sizes and hardware as scheduled.

FRONT ELEVATION (European-style, overhead-braced)



PLAN — ZERO-SIGHTLINE RABBET



DIMENSIONS & OPTIONS

- Door & panel height: 72 in (1829 mm)
- Floor clearance: 6 in std; 9 in / 12 in optional
- Doors & pilasters: 3/4 in (19 mm) phenolic
- Divider panels: 1/2 in (13 mm) phenolic
- Hardware: self-closing gravity hinges; "D"-type flush brackets; SS fasteners

Schematic compartment elevation, zero-sightline rabbet plan detail, and dimensions. Component and hardware locations are schematic and shown for reference only.