



Ampco solid surface compartment systems are perfect applications where practical elegance, rugged durability, and ease of maintenance are important considerations. Luxurious colors and patterns throughout. The material thickness offers the added advantage of easy on-site repair. Impervious to water, moisture and heat. Features a Class A fire rating.

CONSTRUCTION

Ampco's Solid Surface is manufactured of a non-porous solid surfacing material composed of polyester and/or acrylic components with an aluminum trihydrate filler. 1/2" (13mm) thick doors with 3" (76mm) wide reinforcement strips on hinge and lock side. 1/2" (13mm) thick panels and 1" (25mm) thick pilasters. Material is processed and fabricated in a craftsman like manner. All surfaces have a matte finish. Joints are tightly bonded to minimize visible seams. Edges are polished, chamfered and free of milling marks.

STANDARD HARDWARE

Heavy duty cast stainless steel door hardware and stamped stainless steel bracket hardware.

Hinges:

Our hinges supply heavy duty cast stainless steel Type 301 or Type 304 Number 4 finish. Top hinge consists of an opposing nylon gravity-acting cam allowing door to be set in various positions. Bottom hinge is free swinging. Emergency access feature is included for outside access. Three hinges per door

Latch and Keeper:

Type 301 or Type 304 stainless steel with Number 4 finish. Latching device consists of a slide latch with combination stop and emergency release feature.

Coat Hook:

Type 301 or Type 304 stainless steel Number 4 finish coat hook for outswing and or combination coat hook and bumper for inswing.

Door Pull:

Type 301 or Type 304 cast stainless steel with a Number 4 Finish

OPTIONAL FEATURES:

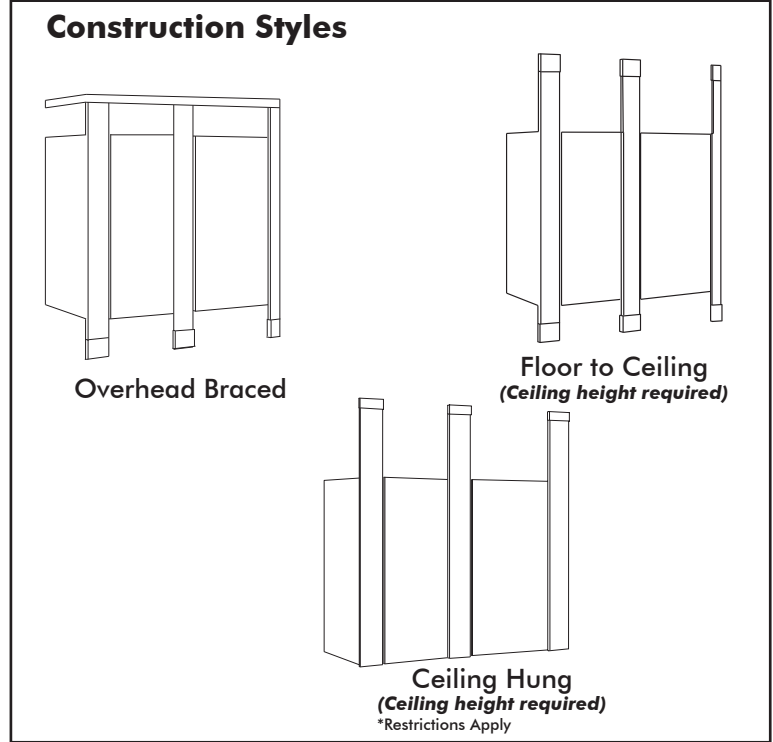
- 3/4" (19mm) thick panel and pilaster
- 3/4" (13 mm) thick doors
- Continuous Aluminum hinge
- Continuous stainless steel or wall brackets and hinges
- Euroline hardware

COLORS AVAILABLE:

Over 65 standard colors available. For more information request Solid Surface Color Chart

Our Solid Surface Toilet Partitions comply with CID A-A-60003 Solid Surface Toilet Partitions are assembled with 90% solid surface and 10% stainless steel hardware.

Ampco is not responsible for any typographical errors. For samples or color chips please contact the marketing



LEED CERTIFICATION PROGRAM

Building Reuse MR 1.2	
1 point	Durable and long-lasting material so it can remain when the building finds a new use, reducing waste.
Material Reuse MR 3.0	
1-2 points	Can be repaired to original condition minimizing the need to replace or dispose. Reinstalled for new use.
Recycled Content MR 4.0	
1-2 points	Pre-Consumer 5% for Formica Post-Consumer 3% for Formica Pre-Consumer 10% for Standard Post-Consumer 3% for Standard Pre-Consumer 10% for Corian Post-Consumer 3% for Corian
Local and Regional Materials MR 5.0	
1-2 points	Manufactured in: Miami FL 33167 Recovered Standard Solid Surface Madison, WI Recovered Formica Solid Surface Baltimore, MD Recovered Corian Solid Surface Buffalo, NY Recovered Hardware Sanger, TX
Regional Priority Credit 1.0	
1-4 Credits	Depending on job site zip code

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and General Provisions of Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This section includes stock and manufactured toilet compartments.
- B. Types of toilet compartments include:
 - 1. Solid Surface
- C. Construction styles of toilet compartments include:
 - 1. Floor to Ceiling Supported
 - 2. Overhead Braced
 - 3. Ceiling Hung (Restrictions Apply)
- D. Construction styles of modesty panels and sight screens include:
 - 1. Leg Screen
 - 2. Floor to Ceiling Supported
 - 3. Wall Hung
- E. Supports for attaching compartments, modesty panels and sight screens to overhead structural systems are specified in a Division 5 Section.

1.3 SUBMITTALS

- A. General: Submit the following in accordance with Conditions of Contract and Division 1 Specification sections.
- B. Product data for materials, fabrication, and installation including catalog cuts of anchors, hardware, fastenings, and accessories.
- C. Shop drawings for fabrication and installation of compartment assemblies that are not fully described by architectural drawings. Provide template layouts and installation instructions for anchorage devices built into other work.
- D. Samples of full color range for each required unit type. Submit Ampco's standard color selector.

1.4 QUALITY ASSURANCE

- A. Field Measurements: Take field measurements prior to component fabrication to ensure proper fitting of work.
- B. Coordination: Furnish inserts and anchorages that must be built into other work for installation of toilet compartments and related items.

PART 2 - PRODUCTS

2.1 MANUFACTURERS:

- Subject to compliance with requirements, provide products by one of the following:

- A. Ampco Products, LLC., Miami, Florida 33167. (305) 821-5700.

2.2 MATERIALS

- A. General: Provide material that have been selected for surface flatness and smoothness. Exposed surfaces that exhibit pitting, seam marks, roller marks, stains, discoloration, telegraphing of core, or other imperfections on finished units are not acceptable.
- B. Select from the following:
 - 1. Solid Surface: All compartment material shall be manufactured of a non-porous solid surfacing material composed of polyester and/or acrylic components with an aluminum trihydrate filler. 1/2" (13mm) thick doors with 3" (76mm) wide reinforcement strips on hinge and lock side. 1/2" (13mm) thick panels. 1" (25mm) thick pilasters. All doors and panels shall be 58" in height and mounted 12" above finished floor. All material shall have a minimum Class A fire rating.
- C. Pilaster Shoes and Caps: Shall be 20 gage ASTM A-167, Type 301 or Type 304 stainless steel, not less than 5" high, Number 4 Satin (brushed) finish.
- D. Brackets: Ampco's standard design for attaching panels to walls, pilaster to walls, and panels to pilasters of the following material:
 - 1. Brackets shall be Type 301 or Type 304 stainless steel hardware.
- E. Overhead Bracing: Continuous extruded aluminum, anti-grip profile, with clear satin anodized finish. Headrail returns as shown on shop drawings.
- F. Anchorages and Fasteners: All fasteners, concealed and exposed, for Solid Surface shall be stainless steel.

2.3 FABRICATION

- A. General: Furnish standard doors, panels, screens and pilasters fabricated for compartment system.
- B. Door Dimensions: Unless otherwise indicated, furnish 24" wide in-swing doors for ordinary toilet compartments and minimum 32" wide (clear opening) out-swing doors for compartments that meet the requirements of the Americans with Disabilities Act (ADA).
- C. Restroom Compartments, Modesty Panels and Sight Screens:
 - 1. Solid Surface: Solid surface material shall be processed and fabricated in a craftsman like manner. All surfaces shall have a matte finish. Joints shall be tightly bonded to minimize visible seams. Edges shall be polished, chamfered and free of milling marks.
- D. Construction Types of Restroom Compartments, Modesty Panels and Sight Screens:
 - 1. Overhead Braced: Furnish galvanized steel supports and galvanized steel anchorage devices with threaded rod, lock washers, and leveling adjustment nuts at pilaster connection as recommended by manufacturer. Make provisions for setting and securing overhead bracing at the top of each pilaster. Provide shoe at each pilaster to conceal supports and leveling mechanism.
 - 2. Floor to Ceiling: Furnish galvanized steel supports and/or threaded rod, lock washers, and leveling adjustment nuts at pilaster as required. Provide shoes at each pilaster to conceal anchorages.
- E. Hardware: Furnish hardware to comply with ANSI A117.1 and Title III of the Americans with Disabilities Act (ADA) as follows:

1. Solid Surface:

- a. Hinges: Supply minimum three heavy duty cast stainless steel hinges Type 301 or Type 304 with Number 4 finish for Solid Surface (two for Solid Phenolic). Top hinge shall consist of an opposing nylon gravity-acting cam allowing door be set in various positions. Bottom hinge shall be free swinging. Emergency access feature is required for outside access.
- b. Latch and Keeper: Type 301 or Type 304 stainless steel with Number 4 finish. Latching device shall consist of a slide latch with combination stop and emergency release feature.
- c. Coat Hook: Type 301 or Type 304 stainless steel with Number 4 finish coat hook (O/S) and/or combination coat hook and door bumper (I/S).
- d. Door Pull: Type 304 cast stainless steel with a Number 4 finish.

- 2.4 FINISH. Select color from Ampco's most recent selection chart.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. General: Comply with manufacturer's recommended procedures and installation sequence. Install compartment units rigid, straight, plumb and level. Provide clearance of not more than 1/2" between pilasters and panels and not more than 1" between panels and walls. Secure panels to walls with not less than three brackets attached near top, middle and bottom of panel. Locate wall brackets so that holes for wall anchorages occur in masonry or tile joints. Secure panels to pilaster with not less than three brackets located to align with brackets at wall. Secure panels in position with manufacturer's recommended anchoring devices.
- B. Overhead Braced Compartments: Secure pilaster to floor and level, plumb, and tighten installation with devices furnished. Secure overhead brace to each pilaster with fasteners supplied. Hang doors and adjust so that tops of doors are parallel with overhead brace when doors are in closed position.
- C. Floor to Ceiling Compartments: Secure divider panels to built-in anchorage devices using concealed fasteners. Level, plumb and tighten installation with devices furnished. Hang doors and adjust so that bottoms of doors are 12" off floor when doors are in closed position.
- D. Screens: Attach with anchoring devices as recommended by manufacturer to suit supporting structure. Set unit to provide support and to resist lateral impact.

3.2 ADJUST AND CLEAN

- A. Hardware Adjustment: Adjust and lubricate hardware for proper operation. Set hinges on in-swing doors to hold open approximately 30 degrees from closed position when unlatched. Set hinges on out-swing doors (and entrance swing doors) to return to fully closed position.
- B. Clean and Protect: Clean exposed surfaces of compartment systems using materials and methods recommended by manufacturer, and provide protection as necessary to prevent damage during remainder of construction period.

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