



AMPCO's solid plastic high density polyethylene compartment systems utilize the latest technological polymer resin composition. Recommended for parks, schools, recreational facilities, and high traffic locations. It is Water and graffiti resistant. Virtually maintenance-free. Will not delaminate or oxidize. Impact and wear resistant.

CONSTRUCTION

AMPCO's Solid Plastic (HDPE) is made up of one seamless component material of 1"(nominal) polymer resin construction material. All the edges are uniformly machined and radiused free of milling marks. Material surface finish shall be textured. Pilasters are of same composition, thickness and finish as doors and panels.

STANDARD HARDWARE

Clear satin anodized aluminum hardware.

Hinges:

Components are heavy duty extruded clear satin anodized Type 6063-T5 aluminum hinges. Hinges wrap around pilaster and door components, reinforced with steel supports opposing nylon gravity acting cam and fully adjustable for door positioning. All hardware mounted with theft resistant thru-bolts.

Latch and Keeper:

Heavy Duty extruded satin anodize Type 6063-T5 aluminum slide latch and keeper with emergency release.

Coat Hook:

Cast chrome plated non-ferrous coat hook for outswing and or combination coat hook and bumper for inswing.

Door Pull:

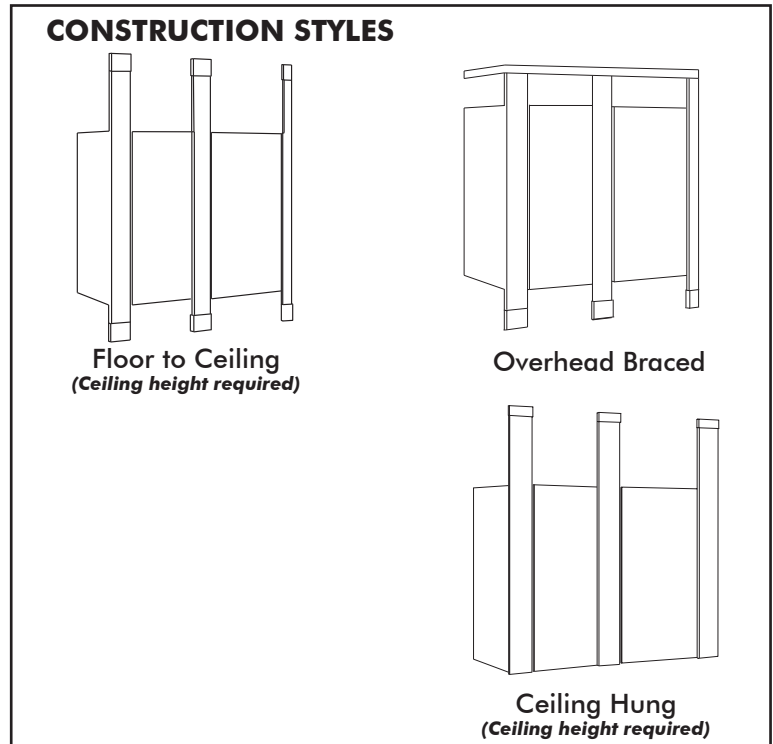
Heavy duty cast satin anodized aluminum.

OPTIONAL FEATURES

- Continuous stainless steel brackets and hinges
- Plastic continuous brackets and/or shoes (Available in 8 colors)
- Satin anodized aluminum hardware
- Continuous aluminum hinge
- Continuous aluminum wall brackets
- Double height aluminum wall brackets
- Stainless Steel hardware
- Aluminum heat sink mounted on bottom of doors and panels
- No sight line feature

COLORS AVAILABLE

- | | |
|------------------------|---------------------|
| Black 947-138 | Lava Stone 947-147 |
| Camel Beige 947-142 | Nickel 947-150 |
| Deep Sea Blue 947-139 | Sangria 947-152 |
| Eggshell 947-143 | Smokey Grey 947-146 |
| Forest Green 947-153 | Stainless 947-148 |
| Galaxy Speckle 947-140 | Toffee 947-145 |
| Ice Speckle 947-154 | Vanilla 947-155 |
| Ivory Speckle 947-144 | White 947-151 |



LEED CERTIFICATION PROGRAM

Recycled Content MR 4.0	
1-2 points	Standard: Pre-Consumer 25% Post-Consumer 0% 100% PCR: Pre-Consumer 0% Post-Consumer 100%
Local and Regional Material MR 5.0	
1-2 points	Toilet Partitions: Miami, FL 33167 Sanger, TX 76266 Auburn, WA 98001 Recovered Solid Plastic: Scranton, PA 18505 Recovered Hardware: Sanger, TX
Regional Priority Credit 1.0	
1-4 Credits	Depending on the job site zip code.

Solid Plastic (HDPE) toilet partitions are assembled with 85% solid plastic and 15% aluminum hardware by weight.
 *100% PCR Solid Plastic is available upon request and may carry an up charge. Check with your regional plant for availability.

For samples please contact the marketing department.

Ampco is not responsible for any typographical errors.
 Our Solid Plastic Toilet Partitions comply with CID A-A-60003

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 Plastic, High Density Polyethylene
- C. Construction styles of toilet compartments include:
 - 1. Overhead Braced
 - 2. Floor to Ceiling Supported
 - 3. Ceiling Hung
- D. Construction styles of modesty panels and sight screens include:
 - 1. Leg Screen
 - 2. Floor Mounted
 - 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: Miami, FL • Sanger, TX • Auburn, WA

2.2 MATERIALS

- A. General: Provide material that has 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 Plastic, High Density Polyethylene: High Density Polyethylene Solid Plastic component material shall be of 1" nominal thickness polymer resin construction. All doors and panels shall have a net height of 55". All edges shall be uniformly machined.
- C. Pilaster Shoes and Caps: Shall be 20 gage ASTM A-167, Type 304 stainless steel, not less than 3" high, Number 4 Satin (brushed) finish.
- D. Brackets: AMPCO's standard design for attaching panels to walls, pilasters to walls and panels to pilasters of the following material:
 - 1. Solid Plastic, High Density Polyethylene shall be satin anodized Type 6063-T5 aluminum 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: Standard chromium-plated exposed fasteners are finished to match hardware with theft-resistant type heads (one-way). All concealed steel fasteners shall have a zinc-plated, rust-resistant, protective coating. All fasteners shall be pre-packed, marked and labeled for ease of identification. Exposed fasteners for Solid Plastic shall be chrome plated brass and/or stainless steel.

2.3 FABRICATION

A. General: Furnish standard doors, panels, screens and pilasters fabricated for compartment system. Furnish units with cutouts and drilled holes to receive compartment hardware as indicated.

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 Plastic, High Density Polyethylene: Polymer resin material shall be one seamless piece. All edges shall be free of milling marks.

D. Construction Types of Restroom Compartments, Modesty Panels and Sight Screens:

1. Overhead Braced: Furnish galvanized steel supports and leveling bolts at pilasters to suit floor conditions as recommended by Ampco. 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.

E. Hardware: Furnish hardware to comply with ANSI A117.1 and Title III of the Americans with Disabilities Act (ADA) as follows:

- 1. Solid Plastic, High Density Polyethylene:
 - a. Hinges: Supply two 8" heavy duty extruded satin anodized Type 6063-T5 aluminum hinges (three hinges for door widths exceeding 26"). Hinges shall wrap around pilaster and door components, be reinforced with steel supports, and be fully adjustable for door positioning. All hardware mounted with theft resistant thru-bolts.
 - b. Latch and Keeper: Heavy duty extruded satin anodize Type 6063-T5 aluminum slide latch and keeper with emergency release.
 - c. Coat Hook: Cast chrome plated non-ferrous metal coat hook (O/S) and/or combination hook bumper (I/S).
 - d. Door Pull: Heavy duty cast satin anodized aluminum.

2.4 FINISH. Select color from Ampco's most recent selection chart. Finalize selection from actual material sample provided by manufacturer.

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 two brackets attached near top and bottom of panel. Locate wall brackets so that holes for wall anchorages occur in masonry or tile joints. Secure panels to pilasters with not less than two 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. 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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