AMPCO’s solid phenolic compartment systems provide strength, durability and design flexibility. These compartments offer 42 standard color selections and a choice of finishes. Recommended for high traffic public buildings, schools and institutional facilities. A virtually indestructible core makes it suitable for wet areas.

CONSTRUCTION
AMPCO’s Solid Phenolic Core High Pressure Decorative Laminate is constructed of melamine face sheets bonded under heat and high pressure phenolic resin with textured finished surfaces that have a minimum Class B fire rating. All edges are polished black. Stiles have a 3/4” minimum thickness, panels 1/2” and doors 3/4”.

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 304 Number 4 finish. Top hinge consists of heavy-duty nylon bushing mounted to 3/8” stainless steel pin within cast stainless steel sleeve. Bottom hinge consists of a cast cam mechanism within hinge pivot. Stainless steel ball bearing slides to assist with gravity fed pivot function and saddle to mount on bottom of door. Fully adjustable Emergency access feature is required for outside access.

Latch and Keeper:
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 304 stainless steel Number 4 finish coat hook for outswing and or combination coat hook and bumper for inswing.

Door Pull:
Type 304 cast stainless steel with a Number 4 finish

OPTIONAL FEATURES
• 1” (25mm) thick stiles
• Class A Fire rating
• Continuous stainless steel hinge or three hinges per door
• Continuous Aluminum adjustable hinge
• Continuous stainless steel or aluminum wall brackets
• Cast chrome plated non-ferrous Zamac hardware
• No-sight line hardware with continuous hinge and strike
• Euroline hardware

COLORS AVAILABLE
Over 42 standard colors available. For more information request Phenolic Color Chart.

Our Phenolic Core Toilet Partitions comply with CID A-A-60003
AMPCO is not responsible for any typographical errors

AMPCO manufactures Toilet Partitions and Architectural Flush Wood Doors, visit our website: www.ampco.com
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. High Pressure Laminate, HPL
   2. Floor Mounted: Furnish galvanized steel anchorage devices
      complete with threaded rod, lock washers, and leveling
      adjustment nuts at stiles as required. Provide shoes at each stile to
      conceal anchorages.

C. Construction styles of toilet compartments include:
   1. Overhead Braced
   2. Floor to Ceiling Supported
   3. Ceiling Hung
   4. Floor Mounted
   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.
   1.2 QC OVERSIGHT
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.

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 the concrete at all locations to achieve a secure and
   fabricated for compartment systems. Furnish units with cutouts 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.

PART 2 - PRODUCTS

2.1 MANUFACTURERS:
Subject to compliance with requirements, provide products by one of the
following:
A. AMPCO Florida, Miami, Florida 33167. (305) 821-5700.

2.2 MATERIAL
A. Doors, Panels, and Pilasters: One-piece high pressure plastic
   laminate surface complying with NEAA LD 3, Grade GP 50, 0.050 inch (1.27
   mm) nominal thickness, bonded to 45 pcf (720 kg/c m) density particleboard
   core with polyvinyl acetate adhesive.
   1. Particleboard: 45 pcf (720 kg/c m) density particleboard
      core, bonded with polyvinyl acetate adhesive.
   2. Marine Grade Plywood: C-C grade, plug and touch sanded.
   3. Color: To be selected from manufacturer’s standard colors.
B. Doors, Panels, and Pilasters: One-piece high pressure plastic
   laminate surface complying with NEAA LD 3, Grade GP 50, 0.050 inch (1.27
   mm) nominal thickness, bonded to 45 pcf (720 kg/c m) density particleboard
   core with polyvinyl acetate adhesive.
   1. Particleboard: 45 pcf (720 kg/c m) density particleboard
      core, bonded with polyvinyl acetate adhesive.
   2. Marine Grade Plywood: C-C grade, plug and touch sanded.
   3. Color: To be selected from manufacturer’s standard colors.
   4. Edges: Laminate, applied before face laminate and bonded
      with thermo-setting resin glue under continuous heat and pressure.
   5. Edges: Stainless steel finished laminate edge, applied
      before face laminate and bonded with thermo-setting resin
      glue under continuous heat and pressure.
   6. Thickness with Particleboard Core: Doors and panels 7/8 inch
      (22 mm); pilasters 1-1/4 inches (32 mm).
   7. Thickness with Particleboard Core: 1 inch (25 mm) doors,
      panels and screens.
   8. Thickness with Marine Grade Plywood Core: 7/8 inch
      (22 mm) doors, panels and screens.
   9. Stiles: Steel core reinforced on both edges of stiles.

2.3 FABRICATION
A. General: Furnish standard doors, panels, and stiles
   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. High Pressure Plastic Laminate: One-piece seamless face
      sheets shall be pressure laminated to core material. Edges
      shall be applied prior to face sheets. Wood grain panels over 60
      deep require seaming.
   2. Fabrication to ensure proper fitting of work. Set hinges on
      in-swing doors to hold open approximately 30 degrees from
      closed position when unlatched. Set hinges on out-swing doors
      (O/S) and/or combination coat hook and bumper (I/S).
   3. Ceiling Hung: Furnish galvanized steel anchorage
      devices complete with threaded rod, lock washers, and leveling
      adjustment nuts at stiles to permit structural connection at floor.
      Provide shoe at each stile.

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
   stiles and panels and not more than 1" between panels and walls.
   Secure panels to walls with not less than two bracket anchors
   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 stiles 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 stile to floor and
   level, plumb, and tighten installation with devices furnished. Secure
   overhead brace to each stile 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 Mounted Compartments: Set stile units with anchorages having not
   less than 2" penetration into structural floor, unless otherwise
   recommended by AMPCO. Level, plumb, and tighten installation
   with devices furnished. Hang doors and adjust so that tops of doors are level
   with tops of stiles when doors are in closed position.
D. Ceiling Hung Compartments: Secure stiles to supporting structure
   and level, plumb and tighten installation with devices furnished.
   Hang doors and adjust so that door bottoms are level with bottoms of
   stiles when doors are in closed position.
E. Floor to Ceiling Compartments: Secure divider panels to built-in
   anchoring 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.
F. 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.