

LAMINATING TECHNOLOGIES

A Division of YTI Enterprises, Inc.

TOILET PARTITIONS

- PLASTIC LAMINATE
- SOLID PHENOLIC
- POLYMER

SECTION 10
SPECIALTIES

LAMINATING TECHNOLOGIES

FORM, FUNCTION AND QUALITY.

THE SERIES

PLASTIC LAMINATE (SERIES 1000)

Plastic laminate is designed for both horizontal and vertical applications. It is a high pressure impact resistant laminate that is decorated all sides to particle board core. This material can be seen from countertops to kitchen cabinets and drawers. Plastic laminate is offered in a variety of colors, textures and designs. It brings a fresh prospective and beauty to the eye at an economical value.

SOLID PHENOLIC (SERIES 2000)

Phenolic Core is produced by thermally fusing at high pressure and temperatures decorative papers saturated in melamine resin with impregnated kraft layers. The thickness of the phenolic core is determined by the number of kraft layers combined. Phenolic stands the test of time and has continuous new multi-dimensional applications. It is ideal for heavy traffic environments and has proved to have outstanding resistance to moisture, stains, heat, chemical abrasions and graffiti. It can also be easily cleaned and maintained. Phenolic is a wonderful choice and it will give you peace of mind.

HARDWARE

- CHROME ZAMAC
- STAINLESS STEEL
- ALUMINUM
- POLISHED BRASS

CODE

- STAINLESS STEEL
- CHROME ZAMAC

FINISHES

- SELF-EDGE
- STAINLESS STEEL EDGE *PL1*
- ALUMINUM T- MOULD EDGE *PL2*
- 3MM PVC EDGE *PL3*

- SOLID BLACK CORE EDGE THROUGHOUT

OPTIONS

- STEEL CORE PILASTERS *PL4*
- MARINE PLYWOOD CORE *PL5*
- METALLICS
- ORGANIC WOOD BOARD
- LOUVRE DOORS
- CUSTOM ANODIZED HARDWARE COLORS

- BROWN CORE EDGE
- DECORATIVE ONE SIDE

PROPERTIES

- GENERAL THICKNESS 0.048"=1.2mm
- FLAME SPREAD 20-25
- SMOKE SPREAD 45-75
- NOT SUITABLE UNDER LONG-TERM MOIST CONDITIONS
- SLIGHT RESISTANCE TO HIGH TEMPERATURE
- CONFORMS TO PERFORMANCE STANDARDS PER ANSI: AMERICAN NATIONAL STD. INSTITUTE NEMA: NATIONAL ELECTRICAL MFG. ASSN.

- GENERAL THICKNESS 1/8" TO 1"
- CLASS A & CLASS B FLAME SPREAD AVAILABLE
- UNAFFECTED TO BOILING WATER AND HIGH TEMPERATURE
- WATER RESISTANT, ANTI-STATIC, PENETRATED BY X-RAY
- CONFORMS TO PERFORMANCE STANDARDS PER ANSI: AMERICAN NATIONAL STD. INSTITUTE NEMA: NATIONAL ELECTRICAL MFG. ASSN.

POLYMER-HIGH DENSITY POLYETHYLENE (SERIES 3000)

Polymer is composed from extruded polymer resin. It is a high density, rigid thermoplastic also known as "solid plastic". Polymer is a unique self lubricating, non-stick, non absorbent material. It will neither crack nor de-laminate. It survives against rust, rot, and the rigors of a harsh environment. Polymer is multi-functional and is also available in a multi-color core which creates a new dimension in visibility and design. With all of its positive features, Polymer is a standard selection in the industry.

HARDWARE

- ALUMINUM
- STAINLESS STEEL
- CHROME ZAMAC

CODE

FINISHES

- UNIFORM COLOR THROUGHOUT

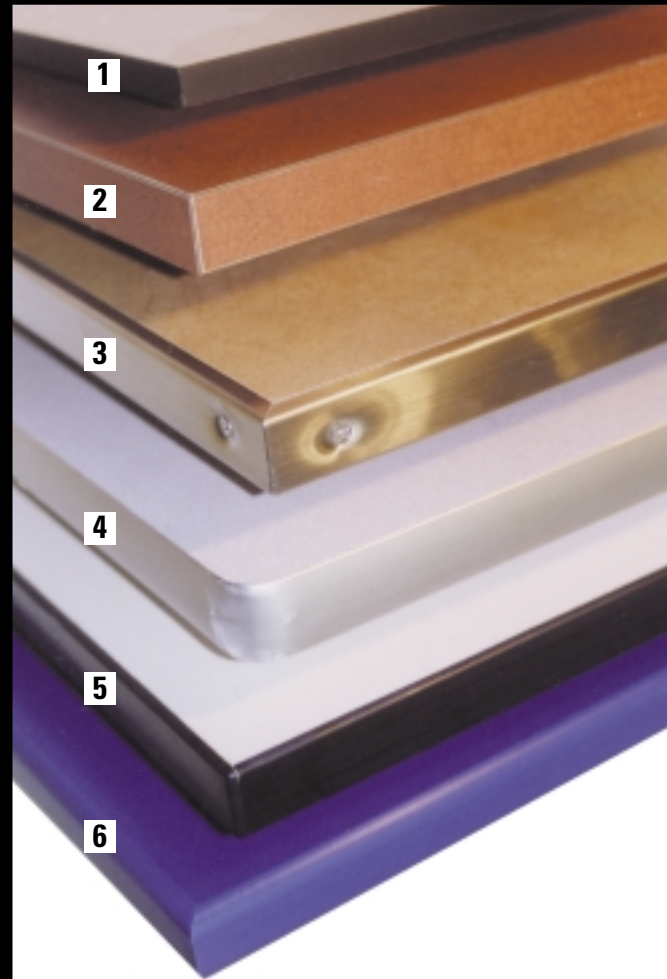
OPTIONS

- MULTI-COLOR CORE
- ALUMINUM HEAT RESISTANT STRIP AT BOTTOM OF DOOR AND PANEL

PL6

PROPERTIES

- GENERAL THICKNESS 1"
- SMOKE DENSITY < 75
- DENSITY 0.96G/CM³
- TENSILE STRENGTH 4400 PSI
- ELONGATION > 600%
- LOW TEMPERATURE BRITTLENESS < -76°C
- CONFORMS TO PERFORMANCE STANDARDS PER ASTM TEST METHOD



1

2

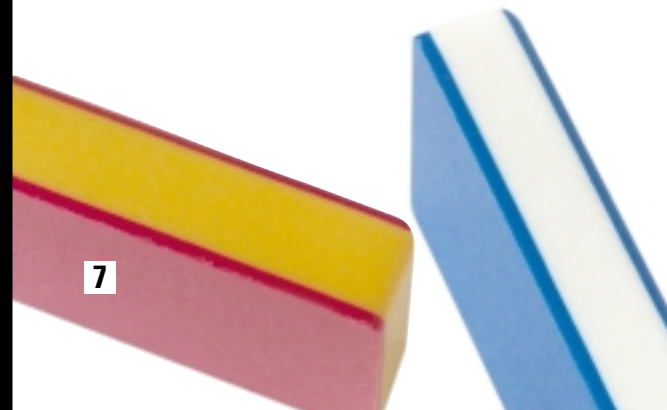
3

4

5

6

1. solid phenolic
2. plastic laminate
3. stainless steel edge
4. aluminum t-mold edge
5. 3mm pvc edge
6. polymer
7. multi-color core polymer



7

STYLE AND CONFIGURATIONS

STYLES AND CONFIGURATIONS

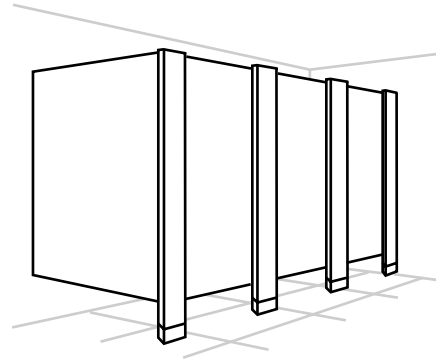
CODE

INSTALLATION VIEW

FLOOR MOUNTED

100

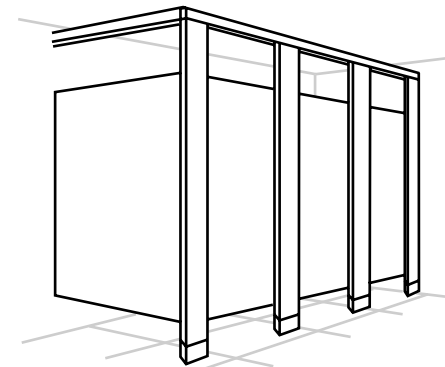
- IDEAL FOR RESTROOMS WITH LOW CEILINGS
- PRESENTS A SMOOTH, TRIM DESIGN THAT INCORPORATES ARCHITECTURAL SIMPLICITY
- JUNIOR HEIGHT COMPARTMENTS ARE AVAILABLE



FLOOR MOUNTED OVERHEAD BRACED

200

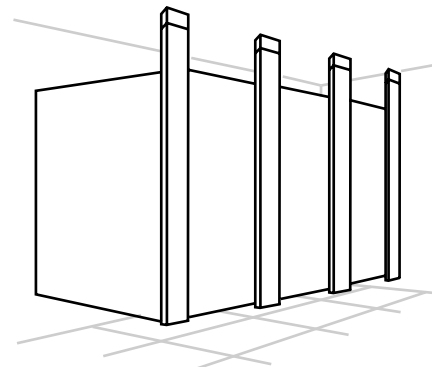
- COMPARTMENTS ARE SECURED AT THE TOP WITH HEAVY DUTY ANTI-GRIP ALUMINUM HEADRAIL
- A SOUND FRAMEWORK WITH A VISUAL APPEAL
- VERSATILE SYSTEM THAT CAN BE ADAPTED TO ALL RESTROOM FLOOR CONDITIONS
- MOST POPULAR DESIGN



CEILING HUNG

300

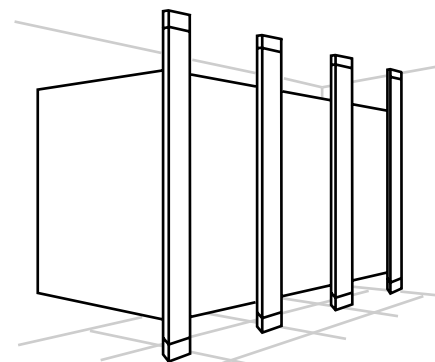
- IDEAL FOR SITUATIONS THAT REQUIRE OPEN AND EASY ACCESS TO THE FLOOR AT ALL TIMES
- DISTINCTIVE IN APPEARANCE YET VERY PRACTICAL
- ADEQUATE STRUCTURAL CEILING SUPPORT IS REQUIRED FOR INSTALLATION



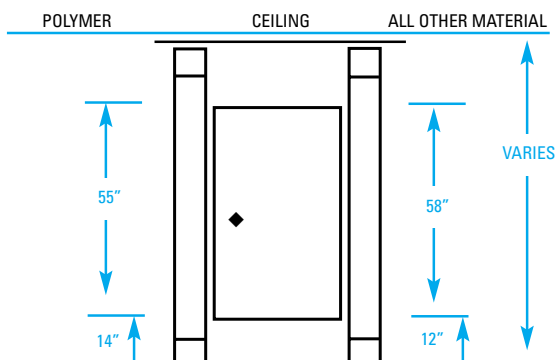
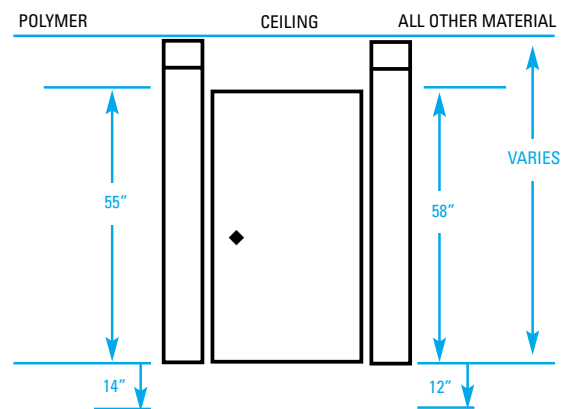
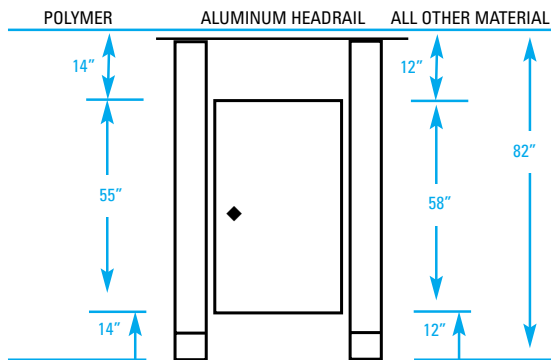
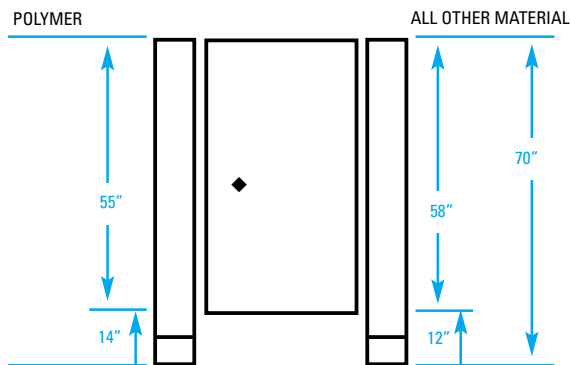
FLOOR TO CEILING

400

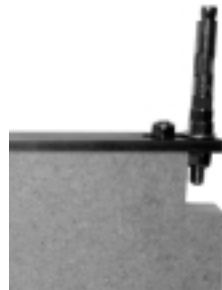
- A SOLUTION FOR RESTROOMS THAT MIGHT HAVE HEAVY TRAFFIC OR HARSH ENVIRONMENTS
- PROVIDES ALL THE BEST QUALITIES IN ONE DESIGN
- ULTIMATE COMBINATION OF HIGH PERFORMANCE AND DURABILITY



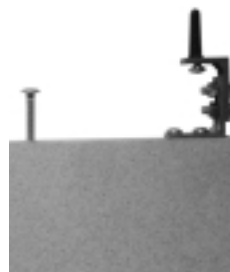
FRONT ELEVATION



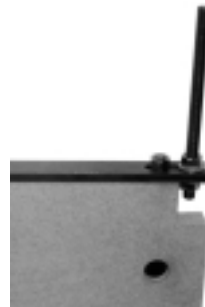
MOUNTING CONFIGURATIONS



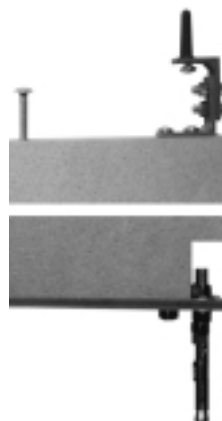
- 1/2" x 4" expansion lock bolt sleeve anchor
- hex nut and flat washer
- 3/8" x 6" wood hanger bolt inserted into pilaster
- 3/8" thick x 1" wide steel base bar



- plastic expansion plug
- 14 x 1 3/4" sheet metal screw
- cast metal "L" bracket
- hex bolt and nut
- leveling bolt inserted in the center of the pilaster



- 3/8" x 6" all thread rod mounted to the ceiling
- hex nut and flat washer
- 3/8" thick x 1" wide steel base bar
- 3/8" x 6" all thread rod inserted 3" deep into a 1" diameter PVC plug embedded within the face of the pilaster



- mounted onto the ceiling
- plastic anchor plug
- 14 x 1 3/4" sheet metal screw
- cast metal "L" bracket
- hex bolt and nut
- leveling bolt inserted in the center of the pilaster

- mounted onto the floor
- 3/8" thick x 1" wide steel base bar
- 3/8" x 6" wood hanger bolt inserted into pilaster
- hex nut and flat washer
- 1/2" x 4" expansion lock bolt sleeve anchor

HARDWARE COMPONENTS AND PARTS

CHROME ZAMAC/CAST STAINLESS STEEL INTEGRAL WRAP AROUND DOOR HINGE

- pre-formed and recessed into door
- wraps around pilaster with one-way, theft-resistant fasteners that are through bolted
- fully adjustable, gravity type and self-closing
- hinge pin is zinc plated for extra durability

CHROME ZAMAC/STAINLESS STEEL STIRRUP BRACKETS

- 2 1/2" long
- rounded corners
- installed with one-way, theft-resistant fasteners that are through bolted
- *pilaster mounted: floor mounted overhead braced on plastic laminate partitions*
- *available for components manufactured in plastic laminate partitions*

CHROME ZAMAC/STAINLESS STEEL SURFACE MOUNTED DOOR HINGE

- suitable for any door and pilaster thickness
- steel inner pin for extra strength
- nylon outer cover for smooth action
- 3/16" thick
- fully adjustable, gravity type and self-closing
- opposite offset hinge prevents lift-off door
- rounded corners, grounded edges
- surface mounted onto door and pilaster with one-way, theft-resistant fasteners that are through bolted

CHROME ZAMAC/STAINLESS STEEL STIRRUP BRACKETS

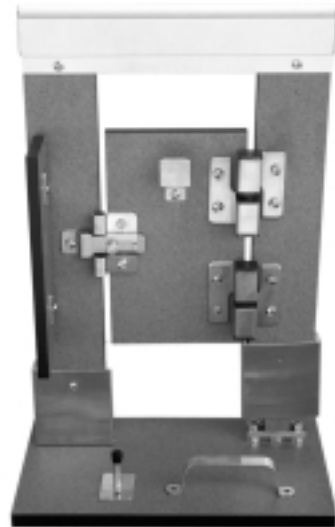
- 2 1/2" long
- rounded corners
- installed with one-way theft-resistant fasteners that are through bolted
- *pilaster mounted: floor mounted overhead braced on phenolic partitions*
- *available for components manufactured in plastic laminate, solid phenolic and polymer partitions*

ALUMINUM DOOR HINGE

- full wrap around door and pilaster
- heavy duty 8" high, 3/16" thick aluminum
- bright anodized finish
- fully adjustable for pre-set opening or self-closing angle
- solid extrusion no welds
- stainless steel center pin with nylon outer cover for smooth action
- installed with one-way, theft-resistant fasteners that are through bolted

ALUMINUM STIRRUP BRACKETS

- double height brackets for extra strength
- bright anodized finish
- 3" overall height
- installed with one-way, theft-resistant fasteners that are through bolted
- *pilaster mounted: for all configurations on polymer partitions*
- *available for components manufactured in polymer partitions*
- *may be used with plastic laminate partitions where doors and pilasters are 1" thick*
- *not available for solid phenolic partitions*



STAINLESS STEEL SURFACE MOUNTED FULL HEIGHT CONTINUOUS PIANO HINGE

- suitable for any door and pilaster thickness
- fully adjustable, gravity type and self-closing
- pre-drilled holes spaced throughout entire hinge for even weight distribution along the full height of door
- ideal for harsh environments or oversized doors
- 16 gauge
- surface mounted onto door and pilaster with one-way, theft-resistant fasteners that are through bolted
- standard overall length 57 1/2" for plastic laminate, solid phenolic partitions and 54" for polymer partitions








STAINLESS STEEL FULL LENGTH CONTINUOUS BRACKETS

- available in "L", "F", "T" and "U" shape
- suitable for any panel and pilaster thickness
- pre-drilled holes spaced throughout entire bracket for even weight distribution along the full height of panel and pilaster
- ideal for harsh environments or oversized panels and pilasters
- installed onto panel and pilaster with one-way, theft-resistant fasteners that are through bolted
- 18 gauge for "F", "T" and "U" shape
- 16 gauge for "L" shape
- standard overall length 57 1/2" for plastic laminate, solid phenolic partitions and 54" for polymer partitions
- one bracket for each connection




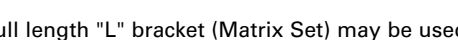
- available for components manufactured in plastic laminate, solid phenolic and polymer partitions
- can be installed with concealed hardware



THEFT-RESISTANT FASTENERS AND SCREWS

-  1. one-way tamper proof head deters any unlawful activity to partitions
-  2. one-way barrel nut [thread 10-24]
-  3. one-way shoulder bolt [thread 10-24]
 - barrel nut and shoulder bolt used in ratio 1:1
-  4. one-way sheet metal screw
-  5. one-way machine screw
-  6. for concealed hardware: factory pre-drilled and inserted "T" nut for surface mounted door hinge provided for plastic laminate partitions. Insert digs into the contact surface for maximum holding power under pressure.
-  7. for concealed hardware: factory pre-drilled and inserted steel threaded insert for surface mounted door hinge provided for solid phenolic and polymer partitions. Insert digs into the contact surface for maximum holding power under pressure.
 - insert and machine screw used in ratio 1:1

CONCEALED HARDWARE

-  1. slide latch, keeper and door pull
-  2. coat hook, door bumper and strike
-  3. one sided angle braced stirrup bracket, 14 gauge
-  4. full length "L" bracket (Matrix Set) may be used

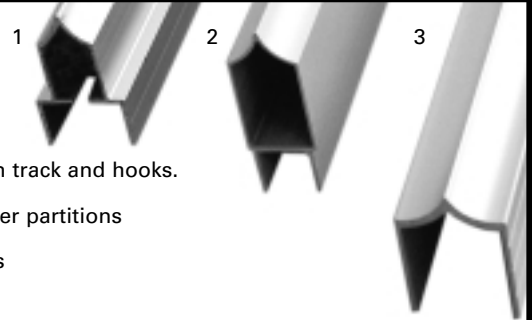
HARDWARE COMPONENTS AND PARTS



ALUMINUM SURFACE MOUNTED FULL HEIGHT CONTINUOUS PIANO HINGE

- removable decorative cover plates
- pre-drilled holes spaced throughout entire hinge for even weight distribution along the full height of door
- can be lifted for emergency access
- fully adjustable, gravity type, self-closing
- available in bright and satin anodized finish
- 1/2" diameter knuckle, 1/4" thick heavy-duty stainless steel pin

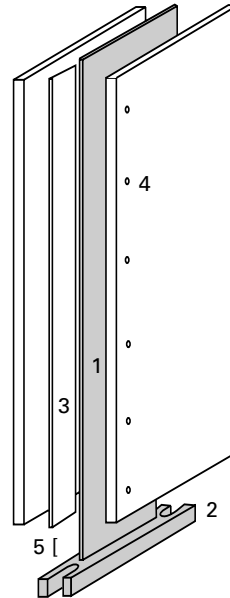
HEAVY DUTY ANTI-GRIP ALUMINUM HEADRAIL



1. available with shower curtain track and hooks.
2. for solid phenolic and polymer partitions
3. for plastic laminate partitions

STEEL CORE PILASTER AVAILABLE FOR PLASTIC LAMINATE PARTITION

1. 11 gauge steel plate full width & full height of pilaster
2. 3/8" x 1" wide steel base bar welded onto steel plate
3. 1/8" plywood filler piece 1 1/2" wide
4. heavy-duty counter-sunk reinforcement fasteners secure steel plate between particleboard
5. 1 1/2" gap



- overall pilaster thickness can be made 1" or 1 1/4" thick
- available for integral or surface mounted door hinge

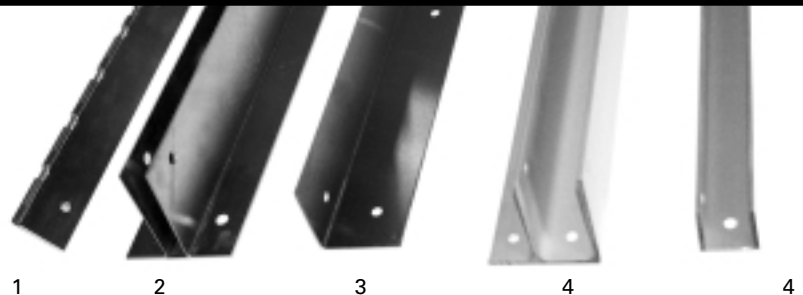
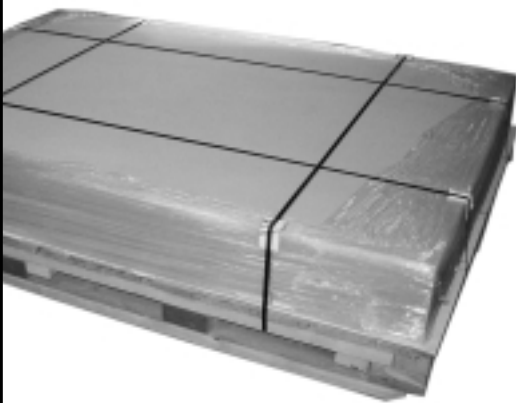
INTEGRAL HINGE WITH CONCEALED PIN

- for polymer partitions only
- concealed pin inserted at bottom and top of pilaster and door
- hinge assembly is pre-formed and factory pre-drilled
- pilaster must be greater than 5" wide



SHIPMENTS

- all partitions shipped throughout the U.S.A and internationally are crated on a pallet and fully covered four sides with particle board.
- partitions are shrink wrapped on the inside and outside for full protection



CONTINUOUS BRACKETS / INSTITUTIONAL HARDWARE

1. stainless steel full height piano hinge with pre-drilled holes spaced throughout entire hinge
2. stainless steel full length double sided "T" bracket (Spectrum set)
3. stainless steel full length one sided "L" bracket (Matrix set)
4. aluminum full length heavy-duty extruded double sided "F" and "U" bracket (Cosmo set)

- full length brackets have pre-drilled holes spaced throughout entire length of bracket

URINAL & PRIVACY SCREENS

WALL HUNG URINAL SCREENS

std sizes

12" w x 42" h

18" w x 42" h

24" w x 42" h

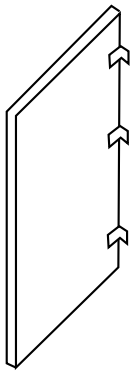
- three brackets per wall connections

- full length continuous brackets available

CODE

WH1

WHA



FLOOR SUPPORTED VISION SCREENS

- screen width varies x 58" high

- pilaster attached is installed floor mount (70" high)

- pilaster attached is installed floor mount overhead braced with headrail (82" high)

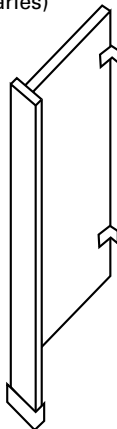
- pilaster can be installed ceiling hung (height varies)

CODE

WH 10

WH 20

WH 30



FLOOR TO CEILING VISION SCREENS

- screen width varies x 58" high

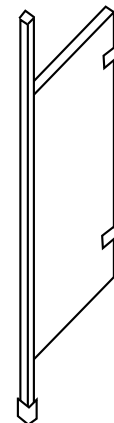
- pilaster attached is installed floor to ceiling (height varies)

- square extruded aluminum post 1 3/4" x 1 3/4" attached to screen

CODE

WH 40

WH 50



HOW DOES IT WORK? SERIES + STYLE CONFIGURATION + HARDWARE CODE + FINISH OPTIONS

HARDWARE CODE	MATERIAL	HINGE	BRACKETS
21 !	chrome zamac	integral - wrap around	stirrup
23 !	cast stainless steel	integral - wrap around	stirrup
32	chrome zamac	surface mounted	stirrup
34	stainless steel	surface mounted	stirrup
43	stainless steel	surface mounted	continuous - one sided "L" (matrix set)
45	stainless steel	surface mounted	continuous - "F", "T" and "U" (spectrum set)
54	stainless steel	piano hinge	continuous - one sided "L" (matrix set)
56	stainless steel	piano hinge	continuous - "F", "T" and "U" (spectrum set)
65	stainless steel	surface mounted + concealed hardware	angle braced stirrup
67	stainless steel	piano hinge + concealed hardware	continuous - one sided "L" (matrix set)
76 ! @	aluminum	wrap around	stirrup
77 ! @	aluminum	wrap around	continuous - "F", "T" and "U" (cosmo set)
78 ! @	aluminum	piano hinge	continuous - "F", "T" and "U" (cosmo set)
87 *	aluminum	integral with concealed pin	stirrup
89 *	aluminum	integral with concealed pin	continuous - "F", "T" and "U" (cosmo set)

! = not available for solid phenolic partitions

@ = only available for plastic laminate partitions where pilaster is 1" thick

* = only available for polymer partitions

• **To request and specify for example:** solid phenolic, floor mounted, piano hinge with continuous double sided brackets
2000+100+56 = SERIES 2156

• **Another example:** plastic laminate, floor to ceiling with stainless steel surface mounted hinge, concealed hardware and brackets with stainless steel edge finish and steel core pilasters **1000+400+65+PL1+PL4 = SERIES 1465 PL1+PL4**

GENERAL SPECIFICATIONS

THREE PART SPECIFICATION (edit to suit project requirements)

PART 1 -GENERAL

1.01 Summary

This section includes toilet compartments and screens as follows:

1. Type and series:
2. Style and configuration:
3. Urinal and privacy screen:

1.02 Submittals

Product Data:

Submit manufacturer's current technical data for materials, fabrication, finishing, fastenings, hardware and installation details.

Shop Drawings:

Submit shop drawings of field measurements for fabrication, installation and assembly of project. Show complete layout and elevations of partitions. Indicate door swings, method of mounting, bolt hole locations, details of adequate steel reinforcement or wood blocking in walls.

Samples:

Submit samples of manufacturer's standard colors and hardware for selection and approval by architect.

1.03 Field Measurements and Project Conditions:

Verify final dimensions of field measurements as indicated on shop drawings before fabrication and installation.

1.04 Delivery, Storage and Handling:

Deliver and store material in original crates with protective plastic covering. Protect from all possible damage while stored at site.

PART 2-PRODUCTS

2.01 Acceptable Manufacturers:

Laminating Technologies, a division of YTI Enterprises, Inc.

2.02 Materials: (see detailed individual product specification)

- PLASTIC LAMINATE
- SOLID PHENOLIC
- POLYMER

PART 3-EXECUTION

3.01 Installation:

- a. Install partitions secure, rigid, straight, level and plumb.
- b. Install pilasters in position with manufacturer's recommended mounting devices.
- c. Allow for spacing between wall and pilasters (1"), and between panels and walls (1/2").
- d. Equip each door with hinge, slide latch, strike, keeper, coat hook and door bumper. Outswing door are to be provided with door pull.
- e. For floor mounted overhead braced pilasters secure heavy-duty, anti-grip aluminum headrail.

3.02 Adjustment:

- a. Adjust and align door hinges for correct positioning and operation of door.
- b. Adjust all partition components for consistent horizontal level lines.
- c. All surfaces shall be cleaned after installation is complete.
- d. Job site shall be left clean and proper after installation is complete.

3.03 Warranty:

Provide manufacturers standard warranty against material, workmanship and de-lamination.

PLASTIC LAMINATE -Specification

GENERAL MATERIAL INFORMATION

Consists of high pressure impact resistant laminate .048" (1.2mm) that is decorated all sides to particle board core (45lb. density).

STYLES AND CONFIGURATIONS

1. Floor Mounted
2. Floor Mounted Overhead Braced
3. Ceiling Hung-adequate backing required
4. Floor to Ceiling Mounted

DOORS AND PANELS

Doors and panels shall be 1" thick.

PILASTERS

Pilasters shall be 1 1/4" thick.

1. Floor Mounted pilasters shall be mounted to the floor with 1/2" x 4" expansion lock bolt sleeve anchors that are fastened to the bottom of the pilaster by means of a 3/8" thick x 1" wide steel base bar that is secured with 3/8" wood hanger bolts inserted 3" deep into the pilaster.
2. Floor Mounted Overhead Braced shall be mounted to floor with adjustable inter-locking cast metal "L" brackets that are fastened to the bottom of the pilaster by means of opposite and complementary adjustable inter-locking cast metal "L" brackets. A leveling bolt inserted in the center of the pilaster shall be supplied.
3. Ceiling Hung pilasters shall be mounted to the ceiling with 3/8" all thread rods that are fastened to the top of the pilaster by means of a 3/8" thick x 1" wide steel base bar that is secured with 3/8" all thread rods inserted 3" deep into a 1" diameter PVC plug embedded within the face of the pilaster.
4. Floor to Ceiling pilasters shall be mounted to the floor as Floor Mounted pilasters and shall be mounted to the ceiling as Floor Mounted Overhead Braced pilasters.

HARDWARE AND FITTINGS

1. Door hardware shall be either:

*Std [A] Wrap around integral chrome hinge with fully adjustable, gravity type and self-closing action. Hinges are adjustable to pre-set opening or self-closing angle. Two hinges are supplied per door. Door shall be equipped with pre-formed and recessed integral hinge that wraps around pilaster with chrome-plated steel, one-way, theft-resistant fasteners that are through bolted. Hinge is a heavy-duty chrome-plated finish on durable zamac casting.

*Optional [B] Wrap around integral stainless steel hinge as per [A] above but hinge is a heavy-duty cast stainless steel.

*Optional [C] Concealed hardware shall consist of surface mounted hinges with fully adjustable, gravity type and self-closing action. Two hinges are supplied per door. Doors shall be equipped with hinge surface mounted onto door and pilaster with stainless steel, one-way, theft-resistant machine screws that are tightened into factory installed "T" nut inserts. No screws are visible on the outside of the compartment except for outswing doors, door pulls and door bumpers. Hinge is a type 304 satin stainless steel.

2. Slide latch, strike and keeper shall be of heavy-duty chrome plated finish on durable zamac casting or type 304 satin stainless steel. Coat hook, door bumper and door pulls of either heavy-duty chrome plated finish on durable zamac casting or type 304 satin stainless steel are supplied and installed surface mounted with chrome-plated steel or stainless steel, one-way, theft-resistant, sheet metal screws.
3. All brackets for panel to wall and panel to pilaster connections shall be either:
 - *Std [A] 2 1/2" long, double sided, heavy-duty chrome plated finish on durable zamac casting stirrup brackets. Brackets shall have rounded corners.
 - *Optional [B] 2 1/2" long, double sided, heavy-duty satin stainless steel stirrup brackets. Brackets shall have rounded corners.
 - *Optional [C] Concealed by providing three satin stainless steel angle braced stirrup brackets per connection that are not visible from the outside the compartment.
4. All wall connections shall be installed with #14 x 1 3/4" chrome-plated steel or stainless steel sheet metal screw. All panel and pilaster connections shall be installed with chrome-plated steel or stainless steel, one-way, theft-resistant fasteners.
5. Pilaster shall have a 4" high sleeve of type 304 satin stainless steel which conceals all floor and ceiling mounted hardware.
6. For Floor Mounted Overhead Braced, pilasters at the top are secured by a heavy-duty, anti-grip aluminum headrail.

FINISH

Decorative laminate finish bonded all sides to particle board core. Edges shall be machined smoothed throughout.

COLORS

Colors shall be selected from current standard line offered.

SOLID PHENOLIC - Specification

GENERAL MATERIAL INFORMATION

Produced by thermally fusing at high pressure and temperatures decorative papers saturated in melamine resin with impregnated kraft layers. Solid black core edge throughout.

STYLES AND CONFIGURATIONS

1. Floor Mounted
2. Floor Mounted Overhead Braced
3. Ceiling Hung-adequate backing required
4. Floor to Ceiling Mounted

DOORS AND PANELS

Doors shall be 3/4" thick phenolic core.
Panels shall be 1/2" thick phenolic core.

PILASTERS

Pilasters shall be 3/4" thick phenolic core.

1. Floor Mounted pilasters shall be mounted to the floor with 1/2" x 4" expansion lock bolt sleeve anchors that are fastened to the bottom of the pilaster by means of a 3/8" thick x 1" wide steel base bar that is secured with 3/8" all thread rods inserted 3" deep into a 1" diameter PVC plug embedded within the face of the pilaster.
2. Floor Mounted Overhead Braced shall be mounted to floor as Floor Mounted pilasters.
3. Ceiling Hung pilasters shall be mounted to the ceiling with 3/8" all thread rods that are fastened to the top of the pilaster by means of a 3/8" thick x 1" wide steel base bar that is secured with 3/8" all thread rods inserted 3" deep into a 1" diameter PVC plug embedded within the face of the pilaster.
4. Floor to Ceiling pilasters shall be mounted to the floor as Floor Mounted pilasters and shall be mounted to the ceiling with adjustable inter-locking cast metal "L" brackets that are fastened to the top of the pilaster by means of opposite and complementary adjustable inter-locking cast metal "L" brackets.

HARDWARE AND FITTINGS

1. Door hardware shall be either:

*Std [A] Surface mounted, fully adjustable, gravity type and self-closing action hinge. Two hinges are supplied per door. Door shall be equipped with hinge surface mounted onto door and pilaster with stainless steel, one-way, theft-resistant fasteners that are through bolted. Hinge is a type 304 satin stainless steel.

*Optional [B] Full Height, spring loaded, gravity type and self-closing action piano hinge at 57 1/2" overall length. Door shall be equipped with hinge surface mounted onto door and pilaster with stainless steel, one-way, theft-resistant fasteners that are through bolted. Hinge is a type 304 satin stainless steel.

2. Slide latch, strike and keeper shall be of type 304 satin stainless steel. Coat hook, door bumper and door pulls type 304 satin stainless steel are supplied and installed surface mounted with stainless steel, one-way, theft-resistant sheet metal screws.
3. All brackets for panel to wall and panel to pilaster connections shall be either:
*Std [A] 2 1/2" long, double sided, heavy-duty satin stainless steel stirrup brackets. Brackets shall have rounded corners.
*Optional [B] Matrix Set: full length 57 1/2" heavy-duty, type 304 satin stainless steel one sided "L" brackets which shall be pre-drilled. One bracket shall be provided for each connection.
*Optional [C] Spectrum Set: full length 57 1/2" heavy-duty, type 304 satin stainless steel double sided "F", "T" and "U" brackets which shall be pre-drilled. One bracket shall be provided for each connection.
4. All wall connections shall be installed with #14 x 1 3/4" stainless steel sheet metal screw. All panel and pilaster connections shall be installed with stainless steel, one-way, theft-resistant fasteners.
5. Pilaster shall have a 4" high sleeve of type 304 satin stainless steel which conceals all floor and ceiling mounted hardware.
6. For Floor Mounted Overhead Braced, pilasters at the top are secured by a heavy-duty, anti-grip aluminum headrail.

FINISH

Decorative laminate finish bonded both sides to phenolic core. Edges shall be polished and machined smoothed throughout.

COLORS

Colors shall be selected from current standard line offered.

POLYMER -Specification

GENERAL MATERIAL INFORMATION

High-density polyethylene with textured surface composed from extruded polymer resin with uniform color throughout.

STYLES AND CONFIGURATIONS

1. Floor Mounted
2. Floor Mounted Overhead Braced
3. Ceiling Hung-adequate backing required
4. Floor to Ceiling Mounted

DOORS AND PANELS

Doors and panels shall be 1" thick and 55" high overall.

*Optional - Doors and panels shall have an extruded aluminum heat resistant strip attached to the lower edge

PILASTERS

Pilasters shall be 1" thick

1. Floor Mounted pilasters shall be mounted to the floor with 1/2" x 4" expansion lock bolt sleeve anchors that are fastened to the bottom of the pilaster by means of a 3/8" thick x 1" wide steel base bar that is secured with 3/8" all thread rods inserted 3" deep into a 1" diameter PVC plug embedded within the face of the pilaster.
2. Floor Mounted Overhead Braced shall be mounted to floor as Floor Mounted pilasters.
3. Ceiling Hung pilasters shall be mounted to the ceiling with 3/8" all thread rods that are fastened to the top of the pilaster by means of a 3/8" thick x 1" wide steel base bar that is secured with 3/8" all thread rods inserted 3" deep into a 1" diameter PVC plug embedded within the face of the pilaster.
4. Floor to Ceiling pilasters shall be mounted to the floor as Floor Mounted pilasters and shall be mounted to the ceiling as Ceiling Hung pilasters.

HARDWARE AND FITTINGS

1. Door hardware shall be either:

*Std [A] Wrap around aluminum hinge 8" high with fully adjustable, gravity type and self-closing action. Hinges are adjustable to pre-set opening or self-closing angle. Two hinges are supplied per door. Door shall be equipped with hinge surface mounted onto door and pilaster with stainless steel, one way, theft-resistant fasteners that are through bolted. Hinge is a heavy-duty extruded aluminum with a bright anodized finish.

*Std [B] Integral hinge with fully adjustable, gravity type and self-closing action. Door and pilaster shall be machined to accept integral hinge mechanism with no exposed hardware. Door and pilaster shall be equipped with two hinge pins. The bottom pin shall have a 1/2" diameter nylon with a 3/16" stainless steel center pin for gravity type action. The top pin shall have a 1/2" diameter nylon. Hinge assembly is pre-formed and factory pre-drilled.

*Optional [C] No sight integral hinge with fully adjustable, gravity type and self-closing action. Door and pilaster shall be machined with an overlapping edge to accept integral hinge mechanism with no exposed hardware. Opposite pilaster with strike shall be machined to accept overlapping edge of door. Door and pilaster shall be equipped with two hinge pins as per [B] above.

*Optional [D] Cosmo Set: full height, spring loaded, gravity type and self-closing action piano hinge at 54" overall length. Door shall be equipped with hinge surface mounted onto door and pilaster with stainless steel, one-way, theft-resistant fasteners that are through bolted. Hinge is a heavy-duty extruded aluminum with a bright or satin anodized finish.

2. Slide latch, strike and keeper shall be of heavy-duty extruded aluminum with bright anodized finish or type 304 satin stainless steel. Coat hook, door bumper and door pulls are either heavy-duty extruded aluminum with a bright anodized finish or type 304 satin stainless steel are supplied and installed surface mounted with stainless steel, one-way, theft-resistant sheet metal screws.
3. All brackets for panel to wall and panel to pilaster connections shall be either:
*Std [A] 3" double height stirrup bracket of heavy-duty extruded aluminum with a bright anodized finish.
*Optional [B] Cosmo Set: full length 54" heavy-duty extruded aluminum double sided "F", "T" and "U" brackets which shall be pre-drilled. One bracket shall be provided for each connection.
*Optional [C] Spectrum Set: full length 54" heavy-duty, type 304 satin stainless steel double sided "F", "T" and "U" brackets which shall be pre-drilled. One bracket shall be provided for each connection.
4. All wall connections shall be installed with #14 x 1 3/4" stainless steel sheet metal screw. All panel and pilaster connections shall be installed with stainless steel, one-way, theft-resistant fasteners.
5. Pilaster shall have a 4" high sleeve of type 304 satin stainless steel which conceals all floor and ceiling mounted hardware.
6. For Floor Mounted Overhead Braced, pilasters at the top are secured by a heavy-duty, anti-grip aluminum headrail.

FINISH

Uniformed polymer color throughout with radius edges.

COLORS

Colors shall be selected from current standard line offered.

ANYTHING EXTRA?

- If you appreciate quality then let function follow form.
- We specialize in custom work and will manufacture any combination of partition material, height, width and hardware. No requirement is too unique nor too small.
- We offer an *EXPRESS SHIP DELIVERY PROGRAM* on all orders with daily up to date tracking
 - plastic laminate < 5 business days
 - solid phenolic < 10 business days
 - polymer < 12 business days

- Decorative colors can be selected from the following

PLASTIC LAMINATE
www.abetlaminarti.com
www.formica.com
www.laminart.com
www.nevamar.com
www.pionite.com
www.wilsonart.com

SOLID PHENOLIC
www.formica.com
www.nevamar.com
www.pionite.com
www.trespa.com
www.wilsonart.com

POLYMER
www.laminatingtech.com

- colors with special textures, options and features do have premium charges.

IMPORTANT NOTICE TO THE PURCHASER & CUSTOMER

Notwithstanding any oral or written information, opinions, catalog descriptions or advice furnished by Laminating Technologies or its employees at any time, you, the buyer, have sole responsibility to evaluate and test Laminating Technologies products, so you can select those that are suitable for use in your specific applications.

Laminating Technologies guarantees all hardware and fasteners free from defects in material and workmanship for a period of two years from date of purchase provided the hardware and fasteners have been properly installed, then used and maintained in an acceptable recommended manner.

Laminating Technologies extends a two year limited warranty on plastic laminate toilet partitions against defects in material, workmanship and de-lamination from date of purchase provided that the partitions have been properly installed, then used and maintained in an acceptable recommended manner.

Laminating Technologies extends a ten year limited warranty on solid phenolic toilet partitions against defects in material, workmanship and de-lamination from date of purchase, have been properly installed, then used and maintained in an acceptable recommended manner.

Laminating Technologies extends a fifteen year limited warranty on polymer toilet partitions against defects in material, workmanship and de-lamination from date of purchase provided that the partitions have been properly installed, then used and maintained in an acceptable recommended manner.

Any hardware, fasteners and partitions returned to Laminating Technologies will be repaired or replaced at no charge but does not include any outside labor field or installation charges.

Laminating Technologies reserves the right to either repair or replace such defective hardware, fasteners and partitions without charge.

These guarantees and warranties do not cover any damage due to vandalism and natural disasters.

LAMINATING TECHNOLOGIES

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