date	-1" OR 2+449-449-1=0+0+0+1 --
projectname	zFPWdwPk
attn	1
from	1
fax	317-317-3137
email	sample@email.tst
phone	555-666-0606

SECTION 10 2116

SOLID PLASTIC TOILET COMPARTMENTS

This section includes editing notes to assist the user in editing the section to suit project requirements. These notes are included as hidden text, and can be revealed or hidden by one of the following methods:

Microsoft Word 2010: Display the FILE tab on the ribbon, click OPTIONS, then on left menu click on DISPLAY. Under ALWAYS SHOW THESE select or deselect HIDDEN TEXT.

Microsoft Word 2007: Click the OFFICE button, select WORD OPTIONS, select DISPLAY, then select or deselect the HIDDEN TEXT option.

Corel WordPerfect: From the pull-down menus select VIEW, then select or deselect the HIDDEN TEXT option.

PART 1   GENERAL

1.1   SUMMARY

    A.   Section Includes:
        1.   Solid plastic toilet partitions.
        2.   Solid plastic urinal screens.
        3.   Solid plastic privacy/entry screens.
        4.   Solid plastic compartment [fronts.] [enclosures.]

    B.   Related Sections:
        1.   Division 01: Administrative, procedural, and temporary work requirements.
        2.   Section 10 2813 - Toilet Accessories.

1.2   REFERENCES

    A.   ASTM International (ASTM):
        1.   A167 - Standard Specification for Stainless and Heat Resisting Chromium Nickel Steel Plate, Sheet and Strip.
        2.   B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.
        3.   E84 - Standard Test Method for Surface Burning Characteristics of Building Materials.

    B.   International Code Council (ICC) - International Building Code.

1.3   SYSTEM DESCRIPTION

    A.   Compartment Mounting Styles:
        1.   Toilet partitions: [Floor mounted, overhead braced.] [Floor to ceiling.] [Ceiling hung.]
        2.   Urinal screens: [Wall mounted.] [Wall mounted, floor supported.]

    B.   Doors and Panels: 55 inches high, mounted 14 inches above finished floor.

1.4   SUBMITTALS

    A.   Submittals for Review:
        1.   Shop Drawings: Include layout, dimensions, materials, panel construction, finishes, hardware, and accessories.
        2.   Samples: [3 x 3] [__ x __] inch panel samples [showing available colors.] [in each color.]

    B.   Sustainable Design Submittals:
        1.   Recycled Content: Certify percentages of post-consumer and pre-consumer recycled content.

1.5	QUALITY ASSURANCE

A.	Installer Qualifications: Minimum [2] [__] years [documented] experience in work of this Section.

B.	Fire Resistance Ratings:
1.	Maximum flame spread/smoke developed rating of 75/450, tested to ASTM E84.
2.	IBC Class B fire hazard classification.

1.6	DELIVERY, STORAGE AND HANDLING

A.	Deliver panels with temporary removable plastic protective coverings; do not remove until ready for final cleaning.

1.7	WARRANTIES

A.	Provide manufacturer's 25 year warranty providing coverage against breakage, corrosion, and delamination of solid plastic panels.

**PART 2	PRODUCTS**

2.1	MANUFACTURERS

A.	Contract Documents are based on products by AJW Architectural Products, 509 Temple Hill Road, New Windsor, NY 12553, 845-562-3332, www.ajw.com, specs@ajw.com.

B.	Substitutions: [Under provisions of Division 01.] [Not permitted.]

2.2	MATERIALS

A.	Plastic Doors, Panels, Pilasters, and Urinal Screens:
1.	HDPE (High Density Polyethylene), integrally colored, fabricated from extruded polymer resin forming single, one piece, solid construction sheet.
2.	Waterproof, non-absorbent, with self-lubricating surface resistant to marks from pens, markers, and paints.
3.	Free from urea-formaldehyde resins.
4.	No volatile organic compounds (VOC) emissions.
5.	Recycled content: Minimum 25 percent, classified as pre-consumer.

B.	Aluminum Extrusions: ASTM B221, 6463-T5 alloy.

C.	Stainless Steel: ASTM A167.

2.3	HARDWARE

A.	Hinges:
1.	Aluminum wrap-around type, 8 inches long, fabricated from heavy duty extruded aluminum, with wrap around flanges through bolted through doors and pilasters with stainless steel tamper resistant Torx head fasteners.
2.	Hinges operate with field adjustable nylon cams, adjustable in 30 degree increments.

**** OR ****

B.	Hinges:
1.	Integral type, pilaster machined to accept door and hinge mechanism.

2. Hinge mechanism: Two piece 1/2 inch diameter nylon pin with "cam action" and 3/16 inch stainless steel pin inserted into lower section on pilaster and door.
3. One piece 1/2 inch diameter, 4 inch long nylon pin inserted in top section of pilaster and door.
4. Field adjustable to varying degrees of open or set to closed position at rest.

**** OR ****

C. Hinges: Continuous [stainless steel helix type,] [aluminum spring loaded type,] 54 inches long, secured full length of door, fastened with stainless steel tamper resistant Torx head fasteners.

D. Door Strike and Keeper:
1. [6 inches long, fabricated from heavy duty extruded aluminum] [3-1/2 inches long, cast stainless steel] with wrap around flanges.
2. Integral extruded black vinyl bumper.

E. Slide Latch and Housing: [Fabricated from heavy duty aluminum, mitered for emergency access.] [Cast stainless steel, configured to allow emergency access.]

F. Coat Hook/Bumpers: Chrome plated Zamac.

G. Door Pulls: Chrome plated Zamac.

H. Pilaster Shoes: [Stainless steel, 20 gauge,] [Plastic, one piece molded HDPE,] 3 inches high.

I. Wall Brackets: Aluminum stirrup type, 1-1/2 inches, fabricated from heavy duty extruded aluminum fastened to pilasters and panels with stainless steel tamper resistant Torx head fasteners, three brackets per panel connection.

**** OR ****

J. Wall Brackets: Stainless steel stirrup type 1-1/2 inch, 14 gauge stamped stainless steel fastened to pilasters and panels with stainless steel tamper resistant Torx head fasteners, three brackets per panel connection.

**** OR ****

K. Wall Brackets: Continuous type, [heavy duty extruded aluminum,] [14 gauge stamped stainless steel,] [extruded PVC,] 54-1/2 inch long, secured full length of panel with stainless steel tamper resistant Torx head fasteners.

L. Head Rail: Fabricated from heavy duty extruded aluminum, anti grip design, fastened to pilaster and secured to adjacent construction with stainless steel brackets.

2.4 FABRICATION

A. Doors, Panels, and Pilasters: 1 inch thick with edges machined to rounded radius [and aluminum heat sink fastened to bottom edges].

B. Partition Dividing Panels and Doors: 55 inches high, mounted 14 inches above finished floor.

C. Pilasters: 82 inches high, fastened to finished floor with 3 inch high pilaster shoe using stainless steel tamper resistant Torx head fasteners.

2.5 FINISHES

A. Solid Plastic Panels: [_____] color [to be selected from manufacturer's full color range].

B. Aluminum:
1. Slide bolt and handle: Black anodized.

2. Other components: Clear anodized.

C. Stainless Steel: No. 4 satin.

PART 3 EXECUTION

3.1 INSTALLATION

A. Install in accordance with manufacturer's instructions and approved Shop Drawings.

B. Set compartments straight, plumb, level, and aligned.

C. Provide uniform clearances at vertical edges of doors from top to bottom

D. Attach panel and head rail brackets to walls using appropriate anchor devices.

E. Adjust for floor variations with screw jack integral in pilasters. Conceal floor fastenings with pilaster shoes.

F. Equip doors with two hinges, door strike/keeper, slide latch, door pull, and coat hook/bumper. [Provide one additional bumper/hook on inside of outswinging doors.]

G. Not Acceptable: Evidence of cutting, drilling, or patching on exposed surfaces.

3.2 ADJUSTING

A. Adjust hardware for proper operation.

B. Adjust door hinges to hold door [closed] [open [30] [__] degrees] when not latched.

END OF SECTION

AJW

Architectural Products

Care, Cleaning, and Maintenance Instructions - Solid Plastic Partitions

Routine cleaning of dirt and grime should be performed with a soft wet cloth. Stubborn dirt and grease can be removed by using any non-abrasive household cleaning agent.

Graffiti can be removed by using an industrial graffiti remover. It is best to test a small subtle area before applying an industrial graffiti remover, as some cleaners can harm your plastic surface.

Mineral spirits or acetone may be used to remove any masking residue that may have adhered to the product after installation.

Do not use any form of abrasive cleaners or pads on your solid plastic toilet partitions. These products will leave scratch marks and will remove the sheen from the surface.

Regularly tighten any fasteners that may have become loose as a result of vibrations, vandalism, or misuse.

Most cuts and scratches can be repaired by burnishing the affected surface with a smooth round object, such as a spoon, or the rounded edges of a screwdriver handle. While utilizing the rounded edge of the tool, apply pressure to the cut or scratched surface to heal the plastic.

After cleaning, silicone can be applied to the plastic surface to brighten the finish.

LEED Credit Information – Solid Plastic Partitions

As intimidating as LEED certification may seem, we know that a little extra help goes a long way. That's why AJW provides various products that can help you come closer to earning your LEED certification. While LEED doesn't certify products - using recycled, sustainable, and energy-efficient products earns you points in the LEED program.

The LEED Credit Information for AJW Solid Plastic Partitions is as follows:

- **Recycled Content**
  MR Credit 4.1 & 4.2
  AJW Solid Plastic (HDPE) partitions consist of 0% Post-Consumer recycled content, and 25%-35% Pre-Consumer recycled content.

- **Local/Regional Materials**
  MR Credit 5.1
  AJW Solid Plastic (HDPE) partitions are manufactured in New Windsor, NY 12553.

- **Rapidly Renewable Materials**
  MR Credit 6.0
  AJW Solid Plastic (HDPE) partitions do not contain any rapidly renewable materials.

- **Certified Wood**
  MR Credit 7.0
  AJW Solid Plastic (HDPE) partitions do not contain any wood products.

- **Low Emitting Materials**
  MR Credit 4.1, 4.2, & 4.4
  AJW Solid Plastic (HDPE) partitions do not emit Volatile Organic Compounds (VOCs). AJW's products do not contain urea formaldehyde.

Warranty – Solid Plastic Partitions

Subject to the terms set out in this warranty, AJW guarantees its solid plastic toilet partitions to be free from manufacturing defects in material and workmanship, and free of breakage, corrosion, and delamination of all plastic components for **a period of (25) years** from the date of shipment.

This warranty is for material supplied by AJW only, and only applies to the original installation of the toilet partitions, installed in accordance with AJW's written installation instructions and drawings. AJW's recommendations for proper handling, storage, cleaning, and maintenance must be followed for this warranty to be valid.

This warranty excludes defects in the partition caused by: vandalism, improper usage, improper installation, neglect, or failure in the structure of the building. Regular maintenance is required for the partition warranty to be valid.

If the solid plastic toilet partition system is found to be defective in workmanship or materials within (25) years from the date of shipment, AJW will replace all affected solid plastic components, free of charge. AJW will not be responsible for any expenses including, but not limited to the removal, installation costs, or any other costs associated with the repair or replacement of the partition.

The replacement or repair of defective material as stated in this warranty shall constitute the sole remedy of the buyer and the sole liability of AJW under this warranty. AJW shall not be liable for any incidental, consequential or indirect damages caused by the failure or defect in the material supplied, or any delay in the replacement or repair of warranty items.

Warranty claims must be made during the warranty period, and communicated to AJW by contacting AJW Architectural Products at 509 Temple Hill Road – New Windsor, NY 12553 - Phone: 845-562-3332.