

SECTION 06 61 19

CAST POLYMER WALL PANELS or SHOWER SURROUNDS

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 the following method in Microsoft Word:

Display the FILE tab on the ribbon, click OPTIONS, then DISPLAY. Select or deselect HIDDEN TEXT.

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Cast Polymer tub or shower surrounds.
- B. Related Requirements:
 - 1. Division 01 - General Requirements: Administrative, procedural, and temporary work requirements.
 - 2. Section [07 92 00 - Joint Sealers.] [__ __ __ - ____.]
 - 3. Section [22 40 00 - Plumbing Fixtures.] [__ __ __ - ____.]

1.2 REFERENCES

- A. ASTM International (ASTM) E84 - Standard Test Method for Surface Burning Characteristics of Building Materials.

1.3 ADMINISTRATIVE REQUIREMENTS

- A. Pre-Installation Conference:
 - 1. Convene at Project site [2] [__] weeks prior to beginning work of this Section.
 - 2. Attendance: [Architect,] [Contractor,] [Construction Manager,] [Design Builder,] shower surround installer, and related trades.
 - 3. Review and discuss: Surrounding construction, shower surround installation, plumbing installation, and protection after completion.

1.4 SUBMITTALS

- A. Action Submittals:
 - 1. Shop Drawings: Indicate shower surround locations, plans, elevations, dimensions, and relationship to adjacent construction.
 - 2. Product Data: Manufacturer's descriptive data including materials, finishes, and accessories.
 - 3. Pattern Samples: [17 x 14] [__ x __] inch samples showing surround pattern, color and finish.
 - 4. Color Samples: [6 x 6] [__ x __] inch samples showing surround color and finish.
- B. Informational Submittals:
 - 1. Certificate of Compliance: Certification from an independent testing laboratory that shower surrounds meet fire hazard classification requirements.
- C. Closeout Submittals:
 - 1. Maintenance Data: Recommended cleaning products and procedures.

1.5 QUALITY ASSURANCE

- A. Installer Qualifications: Minimum [2] [__] years experience in work of this Section.
- B. Mockup:
 - 1. Size: One full-size shower surround.
 - 2. Show: Shower surround, adjacent construction, and plumbing fixtures and trim.

3. Locate [where directed.] [____.]
4. Approved mockup may remain as part of the Work.

1.6 DELIVERY, STORAGE AND HANDLING

- A. Deliver components in manufacturer's original, unopened containers. Do not remove until just prior to installation.

1.7 WARRANTY

- A. Furnish manufacturer's 10 year limited warranty against manufacturer's defects.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Contract Documents are based on products by MPL Company, 800-466-7465, www.mplcompany.net.
- B. Substitutions: [Refer to Division 01.] [Not permitted.]

2.2 MATERIALS

A. Shower Surrounds:

1. Material: Cast Polymer panels.
2. Fire hazard classification: [Standard, non Class A.] [Class A, tested to ASTM E84.]
3. Color: [____.] [To be selected from manufacturer's full color range.]
4. Finish: [Gloss.] [Matte.] [Axis.]
5. Panel thickness: 1/4 inch to 3/8 inch (varies by pattern).
6. Panel style: [3 x 6 Inch Textured Tile.] [6 x 12 Inch Textured Tile.] [6 x 24 Inch Textured Tile] [12 x 36 Inch Textured Tile.]

**** OR ****

7. Panel style: [3 x 6 Inch Subway Tile.] [3 x 6 Inch Vertical Subway.] [4 x 8 Inch Simulated Tile.] [8 x 8 Inch.] [8 x 10 Inch.] [10 x 20 Inch Vertical.] [12 x 12 Inch Staggered.] [12 x 24 Inch Staggered.] [6 x 24 Inch Staggered.] [6 x 24 Inch Staggered with Band.] [6 x 12 Inch Vertical.] [2 x 9 Inch Bamboo.] [2x8 Inch Stitch.] [2 x 8 Inch Stacked.] [4 x 15 Stacked.]

**** OR ****

8. Panel style: [Smooth.] [Diamond.] [13 x 20 Inch Old World.] [12 x 12 Inch Old World.] [12 x 12 Inch Old World with Listello.] [6 x 10 Inch Bordeaux.]

**** OR ****

9. Panel style: [6 x 24 Inch Stacked with Dimensions.] [6 x 24 Inch Stacked with Linear Listello.] [Confetti Pattern.] [Vertical with Dimension Listello.] [Metro Pattern.]

**** OR ****

10. Panel style: [Interval Pattern.] [Vertical pattern.] [Chevron - Flat.] [Chevron - Glossy.] [Stars - Flat.] [Wave Pattern.] [Polygon Pattern.] [
11. Side panel width: [____] inches.] [As indicated on Drawings.]
12. Back panel width: [____] inches.] [As indicated on Drawings.]
13. Panel height: [____] inches.] [As indicated on Drawings.]
14. Accessories:
 - a. Panel trim strips, 96-inch length: [1 x 3/4] [2 x 3/4] [2-1/8 x 1-1/4] inches.
 - b. Soap dish: [One] [____] per shower: [2-tier Wire.] [8" Contour Wire.] [6-3/4" Ceramic Corner Mount-Glossy.] [6-3/8 x 6-1/8 Ceramic Surface Mount-Glossy.] [4-1/8" Corner Mount.]

- c. Shampoo shelf: [One] [] per shower: [6 x 6.] [7 x 7.]
- d. Accessory shelf: [One] [] per shower: [15-inch.] [18-inch.] [27-inch.] [30-inch.]
- e. Footrest: [One] [] per shower: [6 x 6.] [7 x 7.] [15-inch.] [27-inch.] [30-inch.]
- f. Threshold: [One] [] per shower: [2-inch Beveled.] [3-inch Beveled.] [3-inch.] [4-inch.]
- g. Accessories Niche: [One] [] per shower: [14 x 14.]
- h. Window Sill (¾-inch thickness, 1/8-inch eased edge): [One] [] per shower: depth [] (2-inch up to 14-inch) x length [] (120-inch max).

2.3 ACCESSORIES

- A. Adhesive: MPL 100% Silicone to adhere wall panels to drywall substrate.
- B. Sealant: MPL 100% Silicone [Bright White] [Ivory] [Cream] for sealing inside corners.
- C. Exterior caulking: Paintable latex caulk for outside edges where panels meet painted drywall. For additional information, see MPL's Installation Instructions.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install shower surrounds in accordance with manufacturer's instructions and approved Shop Drawings.
- B. Cut panels to fit spaces with maximum 1/8 inch gaps.
 - 1. Smooth cut edges using 80 grit sandpaper.
 - 2. Trim inside-corner edges carefully to maintain centered pattern on back wall.
- C. Cut panels to receive plumbing fixtures and trim. Smooth cut edges using 80 grit sandpaper.
- D. Cut trim to fit panel dimensions.
- E. Clean back of panels and surfaces to receive panels using acetone prior to installing.
- F. Apply beads of MPL 100% Silicone to substrate.
- G. Install panels; apply pressure over entire panel surface to ensure adhesion.
- H. Brace panels until adhesive has set.
- I. Apply MPL 100% Silicone to seal inside corners.
- J. Apply paintable latex caulk along edges adjacent to painted surfaces.

3.2 CLEANING

- A. Clean panels and trim of excess adhesive and foreign matter.

3.3 PROTECTION

- A. Protect shower surrounds from damage using nonstaining coverings. Do not remove until just prior to final cleaning.

END OF SECTION