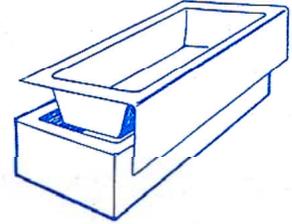


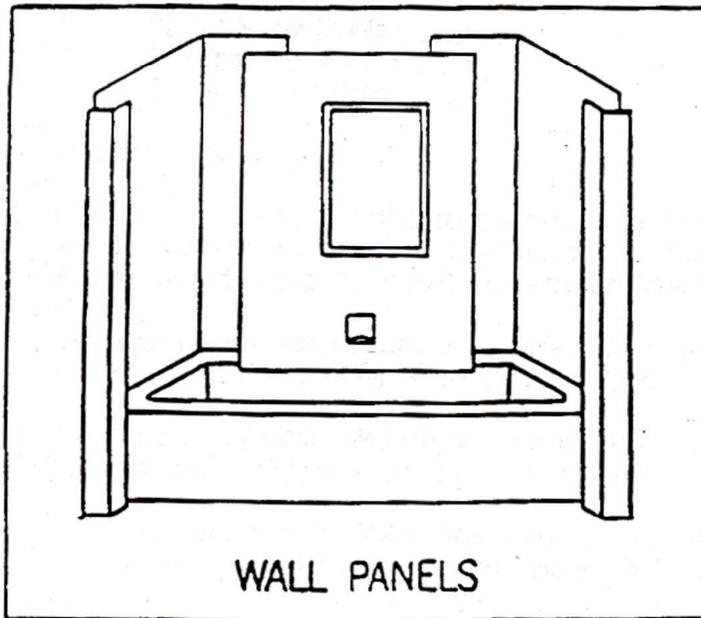


75 Whiting Farms Road • Holyoke, MA 01040 • (413) 592-4791
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General Specifications for:

**PVC-Plastic Tub/Shower
Wall Surround Systems**



Complete Bathroom Renovators

Part One –General

1.1 Description

- 1.1.1 The general conditions and supplementary general conditions are part of this section.
- 1.1.2 Scope: All labor, materials and equipment necessary to provide plastic ceiling height PVC tub/shower wall surrounds as shown on the drawings or as specified.
- 1.1.3 Work included: Without limiting the generality of the foregoing, include the following:
 - 1. Field Measurement
 - 2. Test Installation
 - 3. Plastic Fabrication
 - 4. Installation
 - 5. Caulking
 - 6. Coordination
 - 7. Clean-up

1.2 Quality Assurance

- 1.2.1 Standards: Comply with references standards of the American Society for Testing and Materials (ASTM), Underwriters Laboratories (U.L.), and the Federal Housing Administration of the Department of Housing and Urban Development (HUD/FHA).
- 1.2.2 Use skilled workmen who are trained and experienced in the necessary crafts and familiar with the specifications and methods needed to properly perform the work of this section.
- 1.2.3 Manufacturer: Universal Bath Systems, 75 Whiting Farms Road, Holyoke, MA 01040, (800) 553-0120, who shall certify to the architect and/or housing authority that:
 - 1. He has a minimum of five (5) years continuous experience in the type of fabrication and installation required of the drawings and specification.
 - 2. He has successfully completed comparable work with at least five (5) references.
 - 3. His shop and personnel have the facilities and capabilities to fabricate all items expeditiously and on time.
 - 4. Shop drawings will be prepared by qualified drafters “in house.”
- 1.2.4 Installation contractors: Shall upon written request, certify to the Architect and/or Housing Authority that:
 - 1. He/She has a minimum of three (3) years continuous experience in type of fabrication and installation required of the drawings and specifications.

2. He/she has successfully completed comparable work with at least three (3) references.
- 1.2.5 Guarantee: Shower wall surrounds shall be installed by a company that meets the above requirements and shall be warranted for a period of two (2) years from date of substantial completion.
- 1.3 **Submittals**
 - 1.3.1 Samples: Submit samples for review by architect and/or housing authority as follows:
 1. Plastic Material
 2. All Accessories
 3. Caulking
 4. Adhesive
 - 1.3.2 Shop drawings: Submit detailed shop drawings for review by the architect and/or housing authority. These shop drawings shall show proposed methods of installation for actual field conditions.
 - 1.3.3 Test installation: Make one complete installation of tub/shower wall surround in the field for review by architect and/or housing authority. Remaining work may be done only after written approval from architect and/or housing authority. Approved test installation will be the standard by which remaining work is judged.
 - 1.3.4 Maintenance information: Furnish ten copies of cleaning instruction to the housing authority office.

Part Two-Products

2.1 Material- General

- 2.1.1 All materials shall be new, free of defects impairing their strength, durability, or appearance, and of the best commercial quality for the purposes noted.
- 2.1.2 All caulking shall be watertight, mildew resistant silicone or sealant equal to or better than dow corning 784, 786 or GE-SCS-1702. Where the seam is next to a wall that is going to be painted a latex caulk may be used if so specified.
- 2.1.3 All adhesives used shall be fire, water, and mildew resistant in their cured state.
- 2.1.4 Plastic shall be polyvinyl chloride in sheet form with the following characteristics:
 1. Thickness as specified for each member with a tolerance of ten percent (10%).
 2. Meets or exceeds the requirements of HUD/FHA as stated in "Material Bulletin Number 73A" for plastic.

3. Of the same color within each installation and repairable against unnatural abuse.
4. Retains a modest glass finish resistant to shipping, cracking under normal uses.

2.2 Tub/Shower Wall System

- 2.2.1 Plastic: Members shall be manufactured from a sheet of (high molecular PVC) plastic with a minimum thickness of .090 inches.
- 2.2.2 Style: The ceiling height tub/shower wall surround system shall be an assembly of pieces, which are customized to meet the specific requirements of each bathroom. The standard system shall consist a minimum of five (5) sections and trim including: two (2) L-shaped end wing panels with _" radius corners at bends, one flat back panel, two (2) L-shaped front edge trim pieces with _"radius corners at bends to overlap for a custom fit. Ceiling trim and surface mounted soap dish are to be included with tub/shower wall surround system. (See drawings for details).
- 2.2.3 Type: **[Model # LB-110-CEI]**
The tub/shower wall surround shall extend from the bathtub rail to bathroom ceiling (approximate height, 82"), with front edge and ceiling trim. The completed system shall cover all existing tile in tub/shower area. (if applicable)
- 2.2.4 Type: **[Model # LB-110-STD]** The tub/shower wall surround shall extend from the bathtub rail to a height of 61". The complete system shall include front edge trim.

2.3 Window Liner Insert (if applicable)

- 2.3.1 Plastic: One-piece window liner - shall be manufactured from a sheet of PVC plastic 187 mils thick for windows up to 4" deep and 250 mils thick for windows from 4" to 6" deep.
- 2.3.2 Plastic: Four-piece window trim kit shall be manufactured from a sheet of PVC plastic .060 MILS thick. Trim kit to consist of two (2) eight-foot lengths, which shall be field cut to completely enclose the existing window frame and/or trim.

2.4 ACCESSORIES - Typical installations can include any combination of the following.

Standard Soap Dish	[part # 5853]: Surface Mounted
Soap/Shampoo Holder	[part # UPC-1297]: Surface Mounted
Corner Caddy	[part # UPC-1298] : Surface Mounted

- 2.4.1 Plastic: Shall be manufactured from a sheet of PVC plastic 125 mils thick.
- 2.4.2 Style: Surface mounted with 3/8" radius on all corners and perimeter edges.

Part Three-Execution

- 3.1 Coordination: The contractor shall coordinate with the architect and/or housing authority in performing this work.
- 3.1.2 Verification: The contractor shall visit each unit and verify all dimensions and conditions for the work herein specified.
- 3.1.3 Working hours: The installation shall be made during normal working hours and shall be completed on the same day in which it is commenced whenever possible.
- 3.1.4 Obstructions: Any obstructions encountered for the installation of all products in these specifications shall be removed under this contract.
- 3.1.5 Wall Repair: Patch and repair any wallboard or plaster surfaces damaged or disturbed by contractor and/or subcontractor that are exposed after tub/shower wall installation.
- 3.1.6 Demolition: Plumbing materials removed due to the installation of the tub/shower surround system and which are not to be reused, shall become the property of the contractor who shall thereafter remove them from the premises.
- 3.2 **Surface Conditions:**
 - 3.2.1 Conditions: Examine the areas and conditions under which work of this section will be performed. Correct conditions detrimental to timely and proper completion of the work. Do not proceed until unsatisfactory conditions are corrected.
- 3.3 **Installation:**
 - 3.3.1 Tub/Shower Wall Surround:
 - 1. Remove existing loose ceramic tile and/or damaged wall surface. Furr out the wall above the existing ceramic tile flush with the existing tile (if applicable).
 - 2. All PVC tub/shower wall panels shall be integrated with the existing tub.
 - 3. Measure, scribe, and custom fit wet wall (faucet wall) end panel to existing bathtub, ceiling and to plumbing fixture locations. Apply adhesive and tape on wall, position end panel in place, using a minimum of 30 oz. of PVC compatible adhesive per panel. Roll panel with a floor roller for even distribution of adhesive.
 - 4. Scribe and fit remaining end panel to ceiling and existing bathtub. Apply adhesive and tape on wall, position end panel in place, using a minimum of 30 oz. of PVC compatible adhesive per panel. Roll panel with a floor roller for even distribution of adhesive.

5. Scribe and fit center panel to ceiling and existing bathtub. Apply adhesive and tape on wall, position center panel in place using a minimum of 30 oz. of PVC compatible adhesive per panel. Roll panel with a floor roller for even distribution of adhesive.
6. Where bathrooms have a window located in the bathtub alcove area, install a one-piece window liner, or a four-piece window trim kit.
7. Installation shall be made with approved silicone caulking. All perimeter edges between new panels and existing walls including corner joints between windows or back wall must be permanently caulked.

3.4 **Caulking and Waterproofing**

- 3.4.1 Clean and prime all surfaces with silicone primer.
- 3.4.2 Apply silicone/adhesive waterproofing sealant to all seams and joints, plumbing trim and soap dish for a watertight installation.

3.5 **Clean-up:**

- 3.5.1 Remove all waste resulting from this work and leave each unit broom clean.