### SHOWER UNIT CERTIFICATION TEST RESULTS REPORT

**Manufactured By:** Mincey Marble Manufacturing, Inc.
4321 Browns Bridge Road
Gainesville, GA 30501

**Inspection Month:** July 2015

**Test Type:** Full

**Manufacturer CR #:** 6115

**Report Number:** 61150715012

**Date of Inspection:** 7/7/2015
**Inspected By:** J. Kubik

**Date Unit Received:** 7/23/2015
**Unit Model Style:** SP 4260- C/98

**Date Unit Tested:** 7/27/2015
**Unit Serial Number:** Not Supplied

**Date of Report:** 9/25/2015
**Date of Manufacture:** 6/22/2015

Tests performed in accordance with CSAB45.5/IAPMO Z124-Plastic Bathtub and Shower Units

### 4.0 GENERAL REQUIREMENTS

<table>
<thead>
<tr>
<th>Materials</th>
<th>Pass</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reinforcement – Resin/Filler</td>
<td></td>
</tr>
<tr>
<td>Plastic – Unsaturated Polyester Resin</td>
<td></td>
</tr>
<tr>
<td>Fillers – Calcium Carbonate</td>
<td></td>
</tr>
<tr>
<td>Pigments – White</td>
<td></td>
</tr>
<tr>
<td>Surface Finish – White Gelcoat</td>
<td></td>
</tr>
<tr>
<td>Unit Characteristics – Cult. Marble Shower Receptor</td>
<td></td>
</tr>
</tbody>
</table>

#### 4.1.1 Dimensional Tolerances

- Dimensions 8" and greater 3%, less than 8" 5%
- Manufacturer’s Specified Unit Dimensions: Whole Unit:
- Measured Unit Dimensions: Whole Unit: 59 1/2" x 41 1/2" x 5 1/4"

#### 4.1.2 Surface Finish

- Fixture surfaces shall comply with clause 5.4.

#### 4.1.3 Coated Parts

- N/A

#### 4.1.4 Different Materials

- N/A

#### 4.1.5 Accessible Design

- N/A

#### 4.2.1 Openings & Drainage

- Openings and drainage shall comply with 4.2.1.1, 4.2.1.2, 4.2.1.3.

#### 4.2.2 Overflows

- N/A

400 Prince George’s Boulevard I Upper Marlboro, MD 20774
P: 301.249.4000 I F: 301.430.6184 I HomeInnovation.com
4.4 Bathtubs & Shower Bases
Bathtubs and shower bases shall comply with 4.4.1-4.4.6  Pass

5.2 Load & Rotation Tests for Grab Bars  N/A

5.3 Warpage Tolerance
The unit is evaluated in accordance with 5.3.1 and must meet the performance criteria in 5.3.2.  Pass

5.4 Surface Test:
Unit shall be free of cracks, chipped areas and blisters. The number of molding and other defects or blemishes shall not exceed those given in Table 1 of the referenced standard.  Pass

5.5 Subsurface Test
No visual blemishes or voids larger than 1/16 of an inch in diameter shall be observed below the surface finish. Voids smaller than 1/16 of an inch in diameter observed below the surface finish shall not exceed the number detailed in the standard.  Pass

5.6 Drain Fitting Connection Test
During and after the application of either 25 or 50 pounds by using a 24 inch lever arm in three radial positions, no cracks shall be observed around the drain opening.  Pass

5.7 Point Impact Load Test
After the impact of a 1 1/2 inch, half-pound steel ball from a height of either 20, 24, or 36 inches as specified in the standard, no cracks or chips shall be observed in any of the surface areas tested.  Pass

5.8.1 Load Test Bathtub & Shower Seats  N/A

5.8.2 Bathtub & Shower Bottom and Threshold Load Test  Pass

<table>
<thead>
<tr>
<th>Position Number</th>
<th>Deflection (Inches) (&lt;= .150&quot;)</th>
<th>Residual Deflection (Inches) (&lt;= .008&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.004</td>
<td>0.000</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Pass</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>Pass</td>
</tr>
</tbody>
</table>

5.8.3 Bathtub & Shower Area Impact Test  N/A

5.8.4 Bathtub & Shower Wall Surround Load Test  N/A
5.9 Radii Load Test for Bathtubs & Showers
Surface shall show no cracks, chips, or voids under the applied load of 10 pounds with a half-inch diameter nylon rod on the unit's radial surface areas. Pass

5.10 Colorfastness Test N/A
5.11 Stain Resistance Test N/A
5.12 Wear & Cleanability Test N/A
5.13 Ignition Test N/A
5.14 Cigarette Test N/A
5.15 Chemical Resistance Test N/A
5.16 Thermal Shock Resistance Pass
No cracking, crazing, blistering, spalling or delamination shall be observed at the conclusion of required number of cycles as specified in the standard.

5.17 Water Resistance Test for Bathtubs and Showers N/A
5.18 Field Installed Tiling Flange Seal Test Pass
After subjecting the flange to 30 minutes of water spray, water transmission through the seal shall not be observed.

5.19 Overflow Test N/A
6.1 General Pass
The unit shall be permanently and legibly marked with the manufacturer's name or trademark and it shall be visible after installation. The marking shall comply with all applicable provisions in 6.1.

6.2 Non-standard Fixtures N/A
6.3 Field Installed Flanges N/A
6.4 Packaging N/A
The unit was not damaged during shipping and it did not appear that the unit was tampered with prior to arrival. These tests were performed under the direct and continuous supervision of laboratory personnel. The plastic shower, as selected, passed all the sections of the CSA B45.5 / IAPMO Z124 standard detailed in this report.

Chuck Arnold
Project Manager

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