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**SHOWER UNIT CERTIFICATION TEST
RESULTS REPORT**

Manufactured By: Mincey Marble Manufacturing, Inc. **Inspection Month:** July 2015
4321 Browns Bridge Road **Test Type:** Full
Gainesville, GA 30501

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

Materials		Pass
Reinforcement –	Resin/Filler	
Plastic–	Unsaturated Polyester Resin	
Fillers –	Calcium Carbonate	
Pigments-	White	
Surface Finish –	White Gelcoat	
Unit Characteristics –	Cult. Marble Shower Receptor	
4.1.1	Dimensional Tolerances	Pass
	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	Pass
	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	Pass
	Openings and drainage shall comply with 4.2.1.1, 4.2.1.2, 4.2.1.3.	
4.2.2	Overflows	N/A

- 4.4 **Bathtubs & Shower Bases** **Pass**
Bathtubs and shower bases shall comply with 4.4.1-4.4.6

- 5.2 **Load & Rotation Tests for Grab Bars** **N/A**

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

- 5.4 **Surface Test** **Pass**
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.

- 5.5 **Subsurface Test** **Pass**
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.

- 5.6 **Drain Fitting Connection Test** **Pass**
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.

- 5.7 **Point Impact Load Test** **Pass**
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.

- 5.8.1 **Load Test Bathtub & Shower Seats** **N/A**

- 5.8.2 **Bathtub & Shower Bottom and Threshold Load Test** **Pass**

Position Number	Deflection (inches) (<= .150")	Residual Deflection (inches) (<= .008")
1	0.004	0.000
2	Pass	
3	Pass	

<u>Threshold Loads:</u>
A= Pass B= Pass

- 5.8.3 **Bathtub & Shower Area Impact Test** **N/A**


- 5.8.4 **Bathtub & Shower Wall Surround Load Test** **N/A**

Location	Deflection (inches)
1	
2	
3	

- 5.9 Radd Load Test for Bathtubs & Showers **Pass**
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.
- 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**

Comments:

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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