



# Testing Data Sheet

## Meridian Solid Surface® Shower Bases/Receptors

Meridian Solid Surface® Shower Bases are regularly tested by Home Innovation Research Lab in Upper Marlboro, Maryland for compliance with the harmonized CSA B45.5/IAPMO Z124 standard.

In addition, all Meridian Solid Surface® products have passed the strict ANSI ICPA – 1 – 2001 solid surface standard. Meridian Solid Surface® was one of the original ten solid surface products used to establish baseline testing for this standard, and Meridian meets and exceeds each of the tests performed.

2.1	<b>Materials</b>	Reinforced polymer resin and alumina trihydrate filler with pigment	<b>PASS</b>
2.2	<b>Dimensional Tolerance</b>	Unit's finished trim measurements shall be within tolerance of the manufacturer's stated rough-in dimensions.	<b>PASS</b>
2.3	<b>Unit for Testing</b>	Unit shall be randomly selected from manufacturer's finished goods inventory.	<b>PASS</b>
2.4	<b>Installation Instructions</b>	Written instructions shall be provided with the unit.	<b>PASS</b>
2.5	<b>Care &amp; Maintenance Instructions</b>	Written instructions shall be provided with the unit.	<b>PASS</b>
2.6	<b>Identification</b>	Manufacturer's name and/or trademark shall be permanently and legibly marked on the unit in a visible location.	<b>PASS</b>
2.8	<b>Raised Flange and Tiling Bead</b>	Units for installation against a wall shall incorporate a raised flange of not less than 1" above the rim at any point.	<b>PASS</b>
3.3	<b>Surface Test</b>	Unit shall be free of cracks, chipped areas, and blisters.	<b>PASS</b>
3.4	<b>Subsurface Test</b>	No visual blemishes or voids larger than 1/16" in diameter shall be observed below the surface finish.	<b>PASS</b>
4.2	<b>Drain Fitting Connection Test</b>	During and after the application of 50 pounds by using a 24" lever arm in three radial positions, no cracks shall be observed around the drain opening and no leaks shall be observed.	<b>PASS</b>
Custom	<b>Load Test</b>	Increasing pressure applied to surface of shower base using a 3" diameter load-distribution disc on a 1/2" layer of hard rubber. Test discontinued in order avoid damage to the testing apparatus with no damage to or failure of the shower base.	<b>78,375#</b>
4.3	<b>Point Impact Load Test</b>	After the impact of a 1 1/2", 8oz steel ball from a height of 36" and 24", no cracks or chips shall be observed in any of the surface areas tested.	<b>PASS</b>
4.4	<b>Bottom and Threshold Load Test</b>	<u>Bottom Load:</u> Measurements recorded under the applied loading of 300 lbs. on three different bottom surface areas shall not exceed a deflection of 0.150". No cracks shall be observed in the surface finish. <u>Rim Load:</u> A 300 lb. load shall be applied to the end and mid-sections of the rim. No cracks shall be observed in the surface finish.	<b>PASS</b>
4.7	<b>Radii Load Test</b>	Surface shall not show cracks, chips, or voids under the applied load of 10 lbs. with a 1/2" diameter nylon rod on the unit's radial surface areas.	<b>PASS</b>
6.1	<b>Water Resistance Test</b>	No cracking, crazing, blistering, or peeling shall be observed after 250 test cycles.	<b>PASS</b>

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