



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	Materials	Reinforced polymer resin and alumina trihydrate filler with pigment	PASS
2.2	Dimensional Tolerance	Unit's finished trim measurements shall be within tolerance of the manufacturer's stated rough-in dimensions.	PASS
2.3	Unit for Testing	Unit shall be randomly selected from manufacturer's finished goods inventory.	PASS
2.4	Installation Instructions	Written instructions shall be provided with the unit.	PASS
2.5	Care & Maintenance Instructions	Written instructions shall be provided with the unit.	PASS
2.6	Identification	Manufacturer's name and/or trademark shall be permanently and legibly marked on the unit in a visible location.	PASS
2.8	Raised Flange and Tiling Bead	Units for installation against a wall shall incorporate a raised flange of not less than 1" above the rim at any point.	PASS
3.3	Surface Test	Unit shall be free of cracks, chipped areas, and blisters.	PASS
3.4	Subsurface Test	No visual blemishes or voids larger than 1/16" in diameter shall be observed below the surface finish.	PASS
4.2	Drain Fitting Connection Test	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.	PASS
Custom	Load Test	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.	78,375#
4.3	Point Impact Load Test	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.	PASS
4.4	Bottom and Threshold Load Test	<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.	PASS
4.7	Radii Load Test	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.	PASS
6.1	Water Resistance Test	No cracking, crazing, blistering, or peeling shall be observed after 250 test cycles.	PASS

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