



Testing Data Sheet

Meridian Solid Surface® Sinks and Lavatory Bowls

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 and shall state "To be removed for use by the occupant".	PASS
2.6	Identification	Manufacturer's name and/or trademark shall be permanently and legibly marked on the unit in a visible location.	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
4.1/4.2	Drain Fitting Connection Test	During and after the application of 25 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
4.2.1/4.3	Point Impact Load Test	After the impact of a 1½", 8oz steel ball from a height of 24", no cracks or chips shall be observed in any of the surface areas tested.	PASS
THE FOLLOWING TESTS ARE PERFORMED ON KITCHEN SINKS ONLY			
4.2.2	Knife Drop Test	After the impact of a 1oz steel knife from a height of 24" into the bowl, no cracks or chips shall be observed in any of the surface areas tested.	PASS
4.2.3	Skillet Drop Test	After the impact of a 10½", 4½ lb. cast iron skillet in the bowl from a height of 12 inches, no cracks or chips shall be observed in any of the surface areas tested.	PASS
4.3	Load Test	Measurements recorded after removal of an applied loading of 200 lbs. for five minutes on two different surface areas shall not exceed 0.010" and no cracks shall be observed in the surface finish.	PASS
4.4	Vibration Test	The unit shall be subjected to 1,000 cycles of vibration from a food waste grinder with a 15g weight affixed to one blade. There shall be no cracks or fractures observed in either compartment.	PASS
6.1	Water Resistance Test	No cracking, crazing, blistering, or peeling shall be observed after 250 test cycles.	PASS
THE FOLLOWING TESTS ARE PERFORMED ON LAVATORY SINKS ONLY			
5.6	Thermal Shock Test	No cracking, crazing, blistering, or peeling shall be observed after 500 test cycles consisting of alternating applications of 190°F and 70°F water.	PASS

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