



Technical Data

Meridian Solid Surface®

Meridian Solid Surface® products are made of a nonporous homogeneous blend of polyester and acrylic resins and natural mineral fillers. Meridian is solid from front to back and from top to bottom. Meridian has no overlay finish or surface coating to disrupt. Meridian is stain resistant to most household reagents and is engineered to be protected from Ultra Violet light contamination.

Meridian has passed all tests contained within the Solid Surface standard – ANSI / ICMA SS-2001. All tests were performed and certified by Home Innovation Research Labs in Upper Marlboro, Maryland. Home Innovation Research Labs is a certified national testing lab and all data is readily available.

Meridian has been given a Class One fire rating with a flame spread factor of less than 25. Meridian was tested by a nationally-certified Hardwood Plywoods Manufacturers Association laboratory to comply with the national burn test as stated in ASTM E-84.

Meridian maintenance is simple and easy as it can be cleaned with normal household detergents. While mildly abrasive cleaners will not harm Meridian surfaces, it is suggested that non-abrasive cleaners be used to clean the products. Difficult stains or abrasions can be easily conquered with the use of a green Scotchbrite® scouring pad by 3M Corporation.

All Meridian products are manufactured to withstand normal household use temperatures. Our sinks and shower bases are regularly tested to the CSAB45.5/IAPMO Z124 standard, which includes a thermal shock test for kitchen and bathroom applications. Care should be taken to avoid extreme temperature swings, which may shock the product and reduce the product's life span. As with any composite product, extreme temperature swings can cause increased stress and damage to the product. One should always use care when pouring extremely hot liquids onto a cold surface or placing extremely hot items onto a cold surface or vice versa.

In addition, Meridian Solid Surface® shower bases have been tested beyond the established standard using a concentrated load test, in which increasing pressure is applied to a 3" diameter load distribution disc located near the drain orifice in the shower base. This test did not result in failure of the Meridian Solid Surface® shower base that was being tested. Instead, the test was terminated at 78,375 pounds of pressure with no visible cracking or failure of the shower base in order to avoid damage to the testing equipment.

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