



Solid Surface Solutions

Test Data Sheet

Vendura® Solid Surface products are homogeneous nonporous material. This material is an acrylic modified polyester, filled with natural mineral fillers and proprietary colorants and granules. Available products include ¼" wall panels; ½" sheets for fabrication of countertops, work surfaces, and window sills; and a full line of molded products such as sinks, shower receptors, and bathroom accessories. Vendura® Solid Surface products have been tested and meet or exceed all standards in the ANSI SS-1 Performance Standard for Solid Surface Materials.

Property	Test	Results
Point Impact Resistance (½" Material Only)	½ lb. Steel Ball Drop at 204 inches	No Damage
Knife Drop Test (½" Material Only)	ANSI Z124.6-1990	No Cracks or Fractures
Skillet Drop Test (½" Material Only)	10.5 inch Cast Iron Skillet weighing 4.5 lbs. Drop at 12 inches	No Cracks or Fractures
Load Test (½" Material Only)	300 lbs. On a 24 inch by 30 inch panel	Passes 0.003" Residual Deflection
Colorfastness	ASTM D 2565	Passes
Stain Resistance	ANSI Z124.6-1997 Paragraph 5.2	Passes
Cigarette Resistance	ANSI Z124.6-1997 Paragraph 5.4	Passes
Chemical Resistance	ANSI Z124.6-1997 Paragraph 5.5	Passes
Heated Pan Test	ANSI Z124.6-1997 Paragraph 5.6	Passes
Coefficient of Friction	ASTM C1028-07	Dry Conditions: Pass .915 Avg. Wet Conditions: Pass .787 Avg.
Water Resistance	SS-1 Performance Standard for Solid Surface Materials Section 5.7	Passes
Renewability	SS-1 Performance Standard for Solid Surface Materials Section 6.1	Passes
Fungus and Bacteria Resistance	ASTM-G21 & G22	Passes
Flame Spread and Smoke Density	ASTM E 84	Class 1 Rating-Test Report # T-13709 10 Flame Spread, 115 Smoke Develop
Food Equipment Materials	NSF51	Passes
Tensile Strength (¼" Material Only)	ASTM D 638	6300 psi
Tensile Modulus (¼" Material Only)	ASTM D 638	1.35 x 10 ⁶ psi
Flexural Strength (¼" Material Only)	ASTM D 790	8410 psi
Flexural Modulus (¼" Material Only)	ASTM D 790	1.5 x 10 ⁶ psi
Elongation (¼" Material Only)	ASTM D 638	.3%
Barcol Hardness	Barcol Impresser	58-62
Weight Per Square Foot (¼" Material Only)		Approximately 2.23 to 2.81 lbs. Depending on Color

Care and Maintenance

Clean Vendura® Solid Surface products using a mild detergent. Occasional use of cleaners such as Dow Scrubbing Bubbles® is recommended. For stubborn stains the use of an abrasive cleanser is also recommended. Periodic use of a countertop polish may be used to deepen the luster of the surface. In the event of a deep scratch or gouge a fine grit sand paper (220 grit followed by 320 grit) may be used followed by the use of a gray 7448 Scotchbrite® pad to return the surface to its original satin finish.

Manufactured by

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