



# C A M B R I A<sup>®</sup>

Natural Quartz Surfaces<sup>™</sup>

## Product Specification Sheet

### Product Description

Cambria is a unique pure natural quartz surface that is ideal for residential and commercial applications.

### Product Performance Data

<u>Test</u>	<u>Typical Result</u>	<u>Method</u>
Gloss, % incident light reflected at 60° on polished finish	47 % minimum	Glossmeter
Density	2.4 g/cm <sup>3</sup>	Hydrostatic scale
Moisture Absorption	0.02%	ASTM C-97
Modulus of Rupture	6,800 psi	ASTM C-99
Compressive Strength	24,750 psi	ASTM C-170
Abrasion Resistance	223	ASTM C-501
Bond Strength	205 psi	ASTM C-482
Thermal Shock	Passes-5 cycles	ASTM C-484
Coefficient of Thermal Expansion	1.2x10 <sup>-5</sup> inch/°F	ASTM C-531
Breaking Strength of Tile	3,661 lbf	ASTM C-648
Resistance to Freeze Thaw Cycling	Unaffected-15 cycles	ASTM C-1026
Coefficient of Friction Pull Method	.75 dry / .55 wet	ASTM C-1028
Surface Burning Characteristics	17	ASTM E-84
Smoke Density	Flaming-196 / Non-flaming-69	ASTM E-662
Stain Resistance	Unaffected	ANSI Z-124.6

### Color and Finish Information

Cambria is available in many colors. Cambria can develop custom colors. Cambria is available in polished finish for all colors. Some colors may be available by request in semi-polished or honed finishes (1-cm) for floor and cladding surfaces.

### Product Size Information for Slabs, Countertops and Tile

Cambria slabs are 55" x 120" and can be ordered in 1-cm, 2-cm or 3-cm thicknesses. Cambria countertops are available in 2-cm or 3-cm material with availability of 2-cm, 3-cm or 4-cm edge thicknesses. Cambria tile can be cut from 1-cm or 2-cm slabs. Cambria tile is cut to nominal dimensions, ± 1/16", with beveled edges. Custom dimensions are available upon request, ± 1/16". Cambria thicknesses are nominal 1-cm, 2-cm and 3-cm, ±0.5mm. 1-cm thickness is typically 1.2-1.3 cm. Cambria weighs approximately 6 lbs/ft<sup>2</sup> for 1-cm, 10 lbs/ft<sup>2</sup> for 2-cm and 15 lbs/ft<sup>2</sup> for 3-cm.

### Product Information

Cambria is pure natural quartz. Variation in the natural stone (quartz) color, pattern, size, shape and shade are inherent and unique characteristics to be expected with this product. This does not affect the product performance in any manner. Color blotches are intended and designed into many colors to enhance the natural beauty. Samples are small select cuts from a slab; they do not exhibit all the characteristics of a color and therefore are not fully representative of what will be installed. Product will not be replaced due to these variations. Cambria is durable and more resistant to surface damage than other stone. However, all stone can be damaged by force and no stone is chip-proof. Objects hitting edges particularly at sinks or dishwashers may cause chips. Though a minor knife slip will dull the knife and not harm Cambria, no stone surface is scratch-proof. Surface markings are more visible on monotone colors than multi-colored surfaces. Cambria is not a seamless product, seams are visible. Where there are seams the product pattern and shade can change. Natural stone surfaces can be damaged by sudden and/or rapid change of temperature especially near the edges, as well as direct and/or sustained heating of the top. Cambria may not withstand the direct transfer of heat from pots and pans and other cooking units such as electric frying pans and griddles, and some crock-pots or roaster ovens and heat lamps. Therefore, the use of a hot pad or trivet is always recommended to prevent heating the product. Cambria is not a structural support material. 2-cm and 3-cm Cambria thicknesses are for countertops and must be supported. 1-cm thicknesses are for surface finishes such as walls, tub and shower surrounds and fireplaces; horizontal applications such as a tub deck must be completely supported as well. Semi-polished or Honed finishes (1-cm) will not shine.

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