

# PRODUCT SPECIFICATION SHEET



CAMBRIA®

## PRODUCT DESCRIPTION

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

## PRODUCT PERFORMANCE DATA

TEST	TYPICAL RESULT	METHOD
Gloss, % incident light reflected at 60° - polished finish	≥ 47 % minimum	Glossmeter
Gloss, % incident light reflected at 60° - Cambria Matte® finish	11–22%	Glossmeter
Gloss, % incident light reflected at 60° - Cambria Satin Ridge™ finish	15–30%	Glossmeter
Density	2.4 g/cm <sup>3</sup>	Hydrostatic scale
Moisture Absorption	Negligible	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
Wet Dynamic Coefficient of Friction (polish/Cambria Matte®/Cambria Satin Ridge™)	0.34/ 0.47/ 0.27	ANSI A137.1
Dry Dynamic Coefficient of Friction (polish/Cambria Matte®/Cambria Satin Ridge™)	0.72/ 0.80/ 0.35	ANSI A137.1
Surface Burning Characteristics	17 (Class A/1 Rating)	ASTM E-84
Smoke Density	Flaming-196 / Non-flaming-69	ASTM E-662
Cigarette Burn	Unaffected	ANSI Z-124.6
Stain Resistance	Unaffected	ANSI Z-124.6
Chemical Resistance	Unaffected	ASTM C650-04

## DESIGN AND FINISH INFORMATION

Cambria slabs are available in many designs. Cambria products are available in high gloss and Cambria Matte® finishes. Cambria Satin Ridge™ finish is currently offered on select designs only.

Cambria Satin Ridge™ finish is a textured, contoured surface; edges differ in look and feel from the top surface—mitering extends the top surface to exterior edges.

Inverness™ designs feature debossed textured veining—edges differ from surface and mitering will extend surface to edges.

Sculpted designs feature textured veining—edges differ from surface and mitering will extend surface to edges. Veining in the Berkshire Brass™ designs may present a slight patina.

Not all designs are available in all finishes. Please contact Cambria Customer Care for more information.

## PRODUCT SIZE INFORMATION FOR SLABS, COUNTERTOPS, AND TILE

Cambria standard-size slabs are approximately 122" x 55½" (310cm x 141cm), 47ft<sup>2</sup>, jumbo-size slabs are 132" x 65½" (335cm x 166cm), 60ft<sup>2</sup>, and super jumbo-size slabs are approximately 136" x 80" (345cm x 203cm), nominal 76ft<sup>2</sup>. Please check with your local business partner/installer/fabricator for slab size availability per design, including the largest size able to be fabricated versus slab size listed. Cambria slabs can be ordered in 6mm (select designs), 1cm (select designs), 2cm, or 3cm nominal thicknesses. Select Cambria designs are available to bookmatch in 1cm. Cambria tile can be cut from 2cm slabs. Cambria tile may be cut to nominal or true dimensions, ±1/16" (±1.59mm), with beveled edges, from 8"–24" (20cm–61cm). Custom dimensions are available upon request, ±1/16" (±1.59mm). Cambria slab thicknesses are nominal 1cm, 2cm, and 3cm. Nominal 1cm thickness is typically 9mm–13mm. Leabridge™ slab thickness is typically 2.20cm–2.40cm for 2cm and 3.20cm–3.40cm for 3cm slabs. Cambria slabs weigh approximately 3.6 lbs/ft<sup>2</sup> (17.95 kg/m<sup>2</sup>) for 6mm, 6 lbs/ft<sup>2</sup> (29.92 kg/m<sup>2</sup>) for nominal 1cm, 10 lbs/ft<sup>2</sup> (48.82 kg/m<sup>2</sup>) for 2cm, and 15 lbs/ft<sup>2</sup> (73.24 kg/m<sup>2</sup>) for 3cm. Cambria Satin Ridge™ slabs weigh approximately between 10–11 lbs/ft<sup>2</sup> (48.82–53.71 kg/m<sup>2</sup>) for 2cm and between 15–16 lbs/ft<sup>2</sup> (73.24–78.12 kg/m<sup>2</sup>) for 3cm.

## PRODUCT INFORMATION

Cambria Product 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 designs to enhance the natural beauty. Samples are small select cuts from a slab; they do not exhibit all the characteristics of a design and therefore are not fully representative of what will be installed. Product will not be replaced due to these variations. Cambria Product 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 Product, no stone surface is scratch-proof. Surface markings are more visible on polished monotone designs than multicolored surfaces. All Cambria Product offers the same maintenance-free benefits. 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 Product 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 slow-cookers or roaster ovens and heat lamps. Therefore, the use of a closed-weave hot pad or a solid trivet like a bread board is always recommended to prevent heating the Product. Cambria Product is not a structural support material. 2cm and 3cm Cambria slab thicknesses are for countertops and must be supported. 1cm thickness is for surface finishes such as walls and fireplaces; horizontal applications such as tub deck must be completely supported as well. 6mm thickness is for weight-sensitive applications and thermoforming. Please contact Cambria for specific information regarding the application and use of these thicknesses. Cambria Product is not approved for outdoor use. Please contact Cambria at 1-866-CAMBRIA (1-866-226-2742) with any questions.