



## PRODUCT SPECIFICATION SHEET

### PRODUCT DESCRIPTION

Cambria® is a unique pure 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        |
| 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>-6</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                              | 0.34                         | ANSI A137.1       |
| Dry Dynamic Coefficient of Friction                              | 0.72                         | 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      |

### DESIGN AND FINISH INFORMATION

Cambria slabs are available in many designs. Cambria can develop custom designs. Cambria slabs are available in polished finish and Cambria Matte™ finish for all designs. Some designs may be available by request in semi-polished finish (1cm) for floor and cladding surfaces.

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

Cambria standard-size slabs are approximately 122" x 55½" (3.10m x 1.41m) and jumbo-size slabs are 132" x 65½" (3.35m x 1.66m). 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 1cm, 2cm or 3cm nominal thicknesses. Cambria countertops are available in 2cm or 3cm material with availability of 2cm, 3cm or 4cm edge thicknesses. Cambria tile can be cut from 1cm or 2cm slabs. Cambria tile may be cut to nominal or true dimensions, ±1/16" (±1.59mm), with beveled edges, from 8"-24" (0.20m-0.61m). Custom dimensions are available upon request, ±1/16" (±1.59mm). Cambria slab thicknesses are nominal 1cm, 2cm and 3cm, ±0.5mm. 1cm thickness is typically 1.2-1.3cm. Cambria slabs weigh approximately 6 lbs/ft<sup>2</sup> (29.92 kg/m<sup>2</sup>) for 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.

### 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 multi-colored surfaces. Cambria Matte™ finish will show markings caused during normal use, which are easily removed with an all-purpose cleaner such as concentrated Simple Green® cleaner. 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, tub and shower surrounds and fireplaces; horizontal applications such as a tub deck must be completely supported as well. Semi-polished finishes (1cm) will not shine. Cambria product is not approved for outdoor use.