



C A M B R I A<sup>®</sup>

## PRODUCT SPECIFICATION SHEET

### PRODUCT DESCRIPTION

Cambria<sup>®</sup> 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° on polished finish | 47% minimum                  | 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                         | 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 is available in many designs. Cambria can develop custom designs. Cambria is available in polished 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 55½" x 122" and jumbo-size slabs are 65½" x 132", and can be ordered in 1cm, 2cm or 3cm nominal thicknesses. Please check with your local fabricator for slab size availability per design. 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", with beveled edges, from 8"-24". Custom dimensions are available upon request, ±1/16". Cambria thicknesses are nominal 1cm, 2cm and 3cm, ±0.5mm. 1cm thickness is typically 1.2-1.3cm. Cambria weighs approximately 6 lbs/ft<sup>2</sup> for 1cm, 10 lbs/ft<sup>2</sup> for 2cm and 15 lbs/ft<sup>2</sup> for 3cm.

### PRODUCT INFORMATION

Samples are a small select cut from a slab; they do not fully exhibit all the design characteristics of the final installed product. Cambria is pure natural quartz. Variation in the natural quartz stone color, pattern, size, shape, and shade are unique and inherent characteristics of this product. Cambria is not a seamless product; seams are visible. Where there are seams the product pattern and shade will change. Color blotches are intended and created into many designs to enhance the natural beauty. Surface markings are more visible on monotone colors than multi-colored surfaces. These variations do not affect performance and do not qualify for product replacement. 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. 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, griddles, slow cookers, roaster ovens, and heat lamps. Therefore, the use of a closed-weave hot pad or solid trivet like a bread board is always recommended to prevent heating the product. Cambria is not a structural support material and must be supported in every application. 2cm and 3cm thicknesses are for countertops; 1cm thicknesses are for horizontal and vertical surface finishes such as walls, tub and shower surrounds, fireplaces, and tub decks. Semi-polished finishes (1cm) will not shine, and will soil and appear to stain from soiling. Cambria is not approved for outdoor use.