

5810 Black Tempal

Trends in residential interiors have set a darker tone layered with emotion. Black and dark materials have recently been introduced to the most stylish urban kitchens and bathrooms in the form of stones like slate and travertine - tactile materials that possess an almost industrial presence.

Part of Caesarstone's Metropolitan Collection, Black Tempal features soft mineral deposits that give rise to a delicate, light veil of warm whites across the slab, in contrast to the sturdy black charcoal base. Its textured, complex industrial composition reflects a captivating interpretation of industrial travertine, as its finish enhances the color's depth while capturing warm granular highlights consumers can caress.

Black Tempal's slightly textured Natural finish conjures up the emotional caress of stone; adding warmth to the grain so it's pleasing to the touch. A satin sheen that gently reflects light - captivating the viewer and enhancing the depth of a color, especially on darker shades. Our new Natural finish combines the appeal of texture one can actually feel - with the practicality of the minimal care and maintenance synonymous with all Caesarstone products.

Please note that Honed, Concrete, Rough and Natural finishes require more frequent cleaning than our Polished finishes. Since there is a more exposed surface area with these finishes, metal marks, fingerprints and other signs of daily living might show on these finishes. Most of these marks can be removed with little effort and non-abrasive cleaning products such as Soft Scrub® Liquid Gel. Caesarstone retains its beauty without sealants or waxes.



Type of applications:

Made for indoor applications: countertops, vanity tops, bar tops, food service surfaces, reception areas, office & healthcare facilities.

Size & thickness available:

Length - 3050 mm (120"); +/- 10 mm (3/8")

Width - 1440 mm (56½"); +/- 5 mm (3/16")

Thickness - 20 mm (3/4"); 30 mm (1¼")

+/- 1 mm (1/32")

Weight - 220 kg (485 lbs); 330 kg (727 lbs)

Finishes available: Natural

Test Results

PROPERTY	TEST STANDARD	RESULTS
Water Absorption	ASTM C97 EN-14617-1	≤0.05%
Density	ASTM C97 EN 14617-1	≥2.1 gr/cm ³
Flexural Strength	ASTM C880/C880M-15 EN 14617-2	35.5-77.5 MPa 43-80 MPa
Dimensional Stability	EN 14617-12	Class A
Impact Resistance	EN 14617-9	5.0-14.4 L (J)
Compressive Strength	ASTM C170 EN 14617-15	Dry: 219-299 MPa; Wet: 203-274 MPa 157-243 MPa
Abrasion	ASTM C1243-93 EN 14617-4	Volume of chord: V=59.2-107.2 mm ³ Chord length: 22.0-22.6 mm
Freeze-thaw Resistance	ASTM C1026 EN 14617-2 & EN 14167-5	No obvious damage after 20 freeze-thaw cycles KM _{f25} =95.1-117.7%
Stain Resistance	ANSI Z 124.6	Pass
Chemical Resistance	ANSI Z 124.6 EN 14617-10	Pass Class C4
Linear Thermal Expansion	ASTM 372 EN 14617-11	30°C-100°C: 3.0-5.0 x 10 ⁻⁵ per °C 13.4-26.4 (10 ⁻⁶ ·C ⁻¹)
Thermal Conductivity	EN 12664	0.445-0.475 W/(m·K)
Thermal Shock	EN 14617-6	No visual defects after 20 cycles Change in mass: 0.04% to 0.06% Change in flexural strength: -6.7% to 9.3%
Boiling Water Resistance	ANSI NEMA LD3-3.5	No effect
High Temperature Resistance	ANSI NEMA LD3-2005	No effect
Surface Burning	ASTM E84	Class A
Fire Performance	AS 1530.3:1999	Ignitability Index (0-20): 6-8 Spread of Flame Index (0-10): 0-3 Heat Developed Index (0-10): 2-3 Smoke Developed Index (0-10): 6-7
Fire Classification	EN 13501-1	Wall cladding: B-s1-d0 Flooring and stairs: B-fl-s1

Edges

