

LEED Certification is a globally recognized symbol of achievement for high-performance, green buildings. Developed by the U.S. Green Building Council, LEED (Leadership in Energy and Environmental Design) provides a framework to create healthier, highly efficient, and cost-saving green buildings.

Caesarstone Quartz Surfaces can contribute to a project’s pursuit of LEED Certification across the following credits for **LEED v4 BD+C and ID+C**:

| Category | Credit | How Caesarstone Contributes | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|--|-------|-----------------------|----------------|------------------|--------------------|-----------------|-------------------|-----------------|--------------------|------------------|-------------------|-----------------|--------------------|-----------------|----------------|-----------------|---------------------|-----------------|
| Material and Resources (MR) | <p>MR Credit: Building Product Disclosure and Optimization - Sourcing of Raw Materials (1 pt)</p> <p><i>Intent of Credit</i></p> <p>To encourage the use of products and materials for which life cycle information is available and that have environmentally, economically, and socially preferable life cycle impacts. To reward project teams for selecting products verified to have been extracted or sourced in a responsible manner.</p> <p><i>Option 2. Leadership Extraction Practices</i></p> <p><i>Requirements</i></p> <p>Use products that meet at least one of the responsible extraction criteria below for at least 25%, by cost, of the total value of permanently installed building products in the project.</p> <p><i>Recycled content.</i> Products meeting recycled content criteria are valued at 100% of their cost for the purposes of credit achievement calculation.</p> <p>Products sourced within 100 miles (160 km) of the project site are valued at 200% of their base contributing cost.</p> | <p>The following Caesarstone Quartz Surfaces have received third-party certification from SCS Global Services for Pre-Consumer Recycled Content. Thus, these products can contribute to the LEED calculation for total recycled content used in a project.</p> <table border="1" data-bbox="883 1024 1448 1545"> <thead> <tr> <th>Color</th> <th>Min. Recycled Content</th> </tr> </thead> <tbody> <tr> <td>3100 Jet Black</td> <td>42% pre-consumer</td> </tr> <tr> <td>5133 Symphony Grey</td> <td>3% pre-consumer</td> </tr> <tr> <td>6003 Coastal Grey</td> <td>4% pre-consumer</td> </tr> <tr> <td>6011 Intense White</td> <td>16% pre-consumer</td> </tr> <tr> <td>6131 Bianco Drift</td> <td>2% pre-consumer</td> </tr> <tr> <td>6270 Atlantic Salt</td> <td>4% pre-consumer</td> </tr> <tr> <td>6338 Woodlands</td> <td>2% pre-consumer</td> </tr> <tr> <td>6611 Himalayan Moon</td> <td>3% pre-consumer</td> </tr> </tbody> </table> <p>Caesarstone products are manufactured at our three factories located at Sdot Yam, Israel; the Barlev Industrial Zone, Israel; and Richmond Hill, GA, USA. Not all raw materials used in these products have been extracted from within 100 miles of these factories. Please contact the manufacturer if more information is required.</p> | Color | Min. Recycled Content | 3100 Jet Black | 42% pre-consumer | 5133 Symphony Grey | 3% pre-consumer | 6003 Coastal Grey | 4% pre-consumer | 6011 Intense White | 16% pre-consumer | 6131 Bianco Drift | 2% pre-consumer | 6270 Atlantic Salt | 4% pre-consumer | 6338 Woodlands | 2% pre-consumer | 6611 Himalayan Moon | 3% pre-consumer |
| | Color | Min. Recycled Content | | | | | | | | | | | | | | | | | | |
| 3100 Jet Black | 42% pre-consumer | | | | | | | | | | | | | | | | | | | |
| 5133 Symphony Grey | 3% pre-consumer | | | | | | | | | | | | | | | | | | | |
| 6003 Coastal Grey | 4% pre-consumer | | | | | | | | | | | | | | | | | | | |
| 6011 Intense White | 16% pre-consumer | | | | | | | | | | | | | | | | | | | |
| 6131 Bianco Drift | 2% pre-consumer | | | | | | | | | | | | | | | | | | | |
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Credit

MR Credit: Building Product Disclosure and Optimization – Material Ingredients (1-2 Points)

Intent of Credit

To encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts. To reward project teams for selecting products for which the chemical ingredients in the product are inventoried using an accepted methodology and for selecting products verified to minimize the use and generation of harmful substances.

Option 1. Material Ingredient Reporting

Requirements

Use at least 20 different permanently installed products from at least five different manufacturers that use any of the approved programs to demonstrate the chemical inventory of the product to at least 0.1% (1000 ppm), including:

Health Product Declaration. The end use product has a published, complete Health Product Declaration with full disclosure of known hazards in compliance with the Health Product Declaration Open Standard.

How Caesarstone Contributes

Caesarstone has a published and complete Health Product Declaration (HPD) that covers all variations of Caesarstone Quartz Surfaces.

Caesarstone Surfaces by Caesarstone Health Product Declaration v2.1.1
created via: HPDC Online Builder

CLASSIFICATION: 12 36 61.19 Furnishings: Quartz Agglomerated Countertops
PRODUCT DESCRIPTION: Caesarstone Ltd. manufactures premium quartz surfaces, which are used in both residential and commercial projects as countertops, vanities, wall cladding, floors and other interior surfaces. Caesarstone combines beauty with outstanding performance, enabling you to bring your design imagination to life. This HPD covers Caesarstone Surfaces in all available models and colors.

Section 1: Summary Basic Method / Product Threshold

| CONTENT INVENTORY | |
|--|--|
| Inventory Reporting Format <input checked="" type="radio"/> Nestlé Materials Method <input checked="" type="radio"/> Basic Method Threshold Disclosed Per <input checked="" type="radio"/> Material <input checked="" type="radio"/> Product | Threshold level <input checked="" type="radio"/> 100 ppm <input checked="" type="radio"/> 1,000 ppm <input checked="" type="radio"/> Per GHS SDS <input checked="" type="radio"/> Per OSHA MSDS <input checked="" type="radio"/> Other |
| Residues/Impurities <input checked="" type="radio"/> Considered <input checked="" type="radio"/> Partially Considered <input checked="" type="radio"/> Not Considered Exempt/Not provided for Residues/Impurities? <input checked="" type="radio"/> Yes <input checked="" type="radio"/> No | All Substances Above the Threshold Indicated Are: Characterized <input checked="" type="radio"/> Yes <input checked="" type="radio"/> Ex/SC <input checked="" type="radio"/> Yes <input checked="" type="radio"/> No *% weight and risk provided for all substances except SC substances characterized according to SC guidance. Screened <input checked="" type="radio"/> Yes <input checked="" type="radio"/> Ex/SC <input checked="" type="radio"/> Yes <input checked="" type="radio"/> No All substances screened using Priority Hazard Lists with results disclosed except SC substances screened according to SC guidance. Identified <input checked="" type="radio"/> Yes <input checked="" type="radio"/> Ex/SC <input checked="" type="radio"/> Yes <input checked="" type="radio"/> No One or more substances not disclosed by Name (Specifics or Generic) and Identifier and/or one or more Special Conditions did not follow guidance. |

CONTENT IN DESCENDING ORDER OF QUANTITY
Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

GREENSCREEN SCORE | HAZARD TYPE
CAESARSTONE SURFACES | QUARTZ (QUARTZ/SILICA) **EX** | CAN UNDISCLOSED **NO** | UNDISCLOSED **EX** | UNDISCLOSED **EX** | RES | CAN | MAUL | GEN | REP | FIELDSPAR **EX** | CAN | RES | SC-MIXED RECYCLED GLASS/IRON | NO SCREENED | FERRIC OXIDE YELLOW **EX** | UNDISCLOSED **EX** | MAUL | UNDISCLOSED **EX** | MAUL | CARBON BLACK **EX** | CAN | TITANIUM DIOXIDE **EX** | CAN | END KAGLIN, CALCIUM **EX** | UNDISCLOSED **EX** | CAN | ULTRAMARINE PIGMENT **EX** | UNDISCLOSED **EX** | CAN | ALUMINUM SODIUM SALT, SULFURIZED **EX** | CAN | RES | IRON OXIDE **EX** | CAN | IRON MANGANESE TRIOXIDE **EX** | TALC (TALC SAND) **EX** | CAN | SC-BASALT GRAVEL **NO SCREENED**

VOLATILE ORGANIC COMPOUND (VOC) CONTENT
VOC Content data is not applicable for this product category.


CERTIFICATIONS AND COMPLIANCE (See Section 2 for additional listings)
VOC emissions: UL/GreenGuard Gold Certified
Other: ANS/NFPA 99 - Food Equipment Materials


CONSISTENCY WITH OTHER PROGRAMS
Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified? Yes No
PREPARED: Self-Prepared
VERIFIER: VERIFICATION #:
SCREENING DATE: 2019-05-01
PUBLISHED DATE: 2019-05-07
EXPIRY DATE: 2022-05-01

Caesarstone Surfaces
hpdrepository.hpd-collaborative.org HPD v2.1.1 created via HPDC Builder Page 1 of 13

This HPD includes full disclosure of known hazards at an inventory threshold of 1000 ppm, and is available on the [HPD Public Repository](#).

| Credit | How Caesarstone Contributes |
|---|---|
| <p>MR Credit: Construction and Demolition Waste Management (1-2 Points)</p> <p><i>Intent of Credit</i></p> <p>To reduce construction and demolition waste disposed of in landfills and incineration facilities by recovering, reusing and recycling materials.</p> <p><i>Requirements</i></p> <p>Recycle and/or salvage nonhazardous construction and demolition materials. Achieve one of the options listed below:</p> <p>Option 1. Diversion</p> <p>Path 1. Divert at least 50% of the total construction and demolition material; diverted materials must include at least two material streams (1 point).</p> <p>OR</p> <p>Path 2. Divert at least 75% of the total construction and demolition material; diverted materials must include at least four material streams (2 points).</p> <p>OR</p> <p>Option 2. Reduction of total waste material (2 points): Do not generate more than 2.5 pounds of construction waste per square foot (12.2 kilograms of waste per square meter) of the building's floor area.</p> | <p>Caesarstone Surfaces can be cut to the exact specifications of our customers, meaning that there is the potential for very little to no excess waste to be introduced to the project site from the product itself.</p> <p>Prefabrication, modular construction, or incorporating standard material lengths or sizes into the project's design are all strategies that can help reduce project waste, and thus help contribute to this credit.</p> <p>Caesarstone Surfaces are 100% recyclable into concrete or terrazzo, further reducing waste required to be disposed of in landfills.</p>  <p>Caesarstone is proud to use environmentally friendly packaging for its products, meaning that packaging materials are easily recyclable in most areas.</p> |

| Credit | How Caesarstone Contributes |
|--|---|
| <p>EQ Credit: Low-Emitting Materials (1-3 Points)</p> <p><i>Intent of Credit</i></p> <p>To reduce concentrations of chemical contaminants that can damage air quality, human health, productivity, and the environment.</p> <p><i>Option 1. Product Category Calculations</i> <i>Option 2. Budget Calculation Method</i></p> <p><i>Requirements</i></p> <p>This credit includes requirements for product manufacturing as well as project teams. It covers volatile organic compound (VOC) emissions in the indoor air and the VOC content of materials, as well as the testing methods by which indoor VOC emissions are determined. Different materials must meet different requirements to be considered compliant for this credit.</p> <p><i>General emissions evaluation.</i> Building products must be tested and determined compliant in accordance with California Department of Public Health (CDPH) Standard Method v1.1–2010, using the applicable exposure scenario.</p> | <p>Caesarstone Quartz Surfaces have received GREENGUARD Gold Certification from UL Environment.</p> <hr/> <div data-bbox="873 403 1430 688" style="border: 1px solid black; padding: 5px;"> <div style="background-color: #008000; color: white; padding: 5px; text-align: center; font-weight: bold;"> CERTIFICATE OF COMPLIANCE </div> <div style="display: flex; justify-content: space-between; align-items: flex-start; padding: 10px;"> <div style="text-align: center;">  <p><small>UL GREENGUARD PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL ECOVOC UL 2818 GOLD</small></p> </div> <div style="text-align: left;"> <p>Caesarstone Ltd.</p> <p>CaesarStone Quartz Surfaces</p> <p>Restrictions:</p> </div> <div style="text-align: right; font-size: small;"> <p>5464620 Certificate Number</p> <p>08/02/2018 - 08/02/2020 Certificate Period</p> <p>Certified Status</p> </div> </div> <p style="font-size: x-small; text-align: center;">UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings</p> <p style="font-size: x-small; text-align: center;">Building products and interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office and Classroom Environment. Product tested in accordance with UL 2811 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.</p> </div> <p>UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings.</p> <p>Building products and interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office and Classroom Environment.</p> <p>Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.</p> |