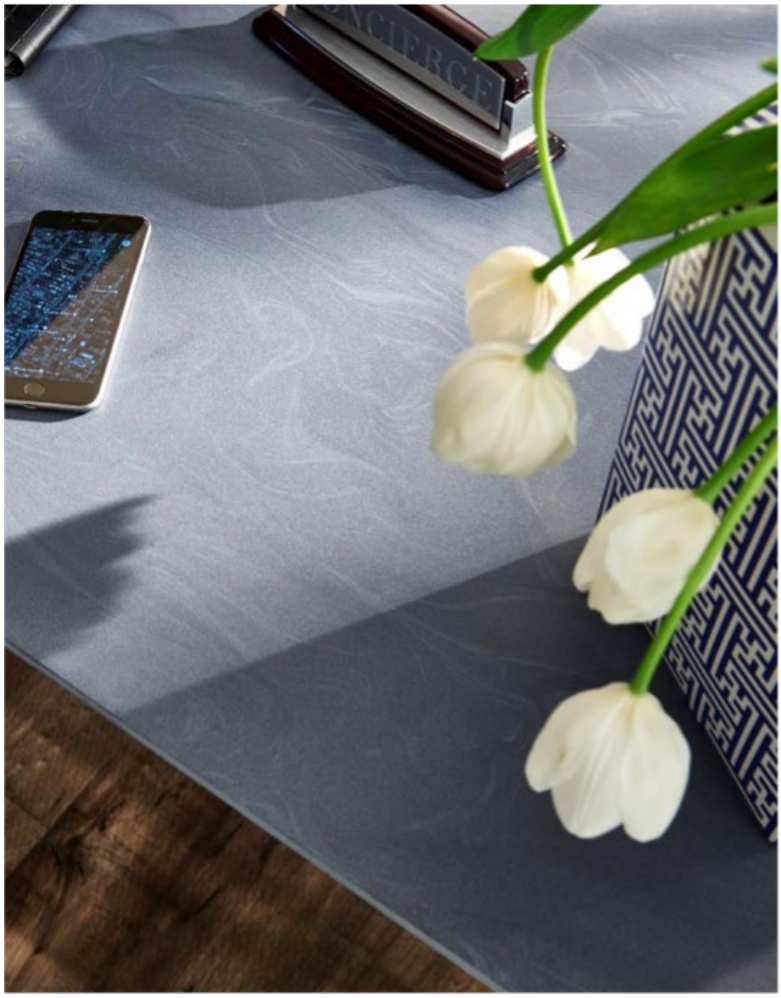
## Environmental Product Declaration

# Corian® Solid Surface



The Corian® Solid Surface products reviewed in this study come in three thickness options:0.25-inch, 0.50 inch, and 0.75 inch. Each thickness option is available with 0%, 6%, 13%, and 20% recycled content.

CORIAN®
DESIGN

At DuPont, we lead by example—creating innovative, sustainable solutions while reducing our footprint and supporting communities in which we operate around the world. Corian® solid surface material is the result of a scientific quest to create solid-surface material for residential and commercial designs of surpassing beauty. Specially engineered to be both visually stunning and long-lasting, Corian® comes in more than a hundred colors and patterns and can be custom-cut and installed for limitless design possibilities.

At DuPont, we are innovating so you can achieve sustainable designs without sacrificing durability or beauty. The Corian® Terra Collection is made with a minimum of 6% pre-consumer-recycled content—and some colors contain significantly more. In addition, these nonporous surfaces, when properly cleaned, do not promote the growth of mold and mildew, making them ideal choices for public spaces, homes, healthcare and food preparation facilities, hospitality, schools and offices. Corian® exterior cladding offers many advantages for ventilated facade applications.

We have committed to reducing our footprint and encourage our partners and suppliers to work with us to enhance sustainability throughout our supply chain and theirs.

UL
CERTIFIED
ENVIRONMENTAL
PRODUCT DECLARATION
UL.COM/EPD

# ENVIRONMENTAL PRODUCT DECLARATION

CORIAN® DESIGN

**CORIAN®**
SOLID SURFACE

**According to ISO 14025, EN 15804, and ISO 21930:2017**

| | |
|---|---|
| EPD PROGRAM AND PROGRAM OPERATOR NAME, ADDRESS, LOGO, AND WEBSITE | UL Solutions www.ul.com<br>333 Pfingsten Rd, Northbrook IL, 60062 www.spot.ul.com |
| GENERAL PROGRAM INSTRUCTIONS AND VERSION NUMBER | Program Operator Rules v 2.7 2022 |
| MANUFACTURER NAME AND ADDRESS | DuPont Specialty Products<br>974 Centre Rd<br>Wilmington, DE 19803 |
| DECLARATION NUMBER | 4791388656.102.2 |
| DECLARED PRODUCT & FUNCTIONAL UNIT OR DECLARED UNIT | One (1) $m^2$ of solid surface countertop surface used for a period of 10 years |
| REFERENCE PCR AND VERSION NUMBER | Core PCR: ISO 21930: Sustainability in buildings and civil engineering works - Core rules for environmental product declarations of construction products and services (ISO, 2017)<br>Guidance: PCR for Residential Countertops, NSF International (2013) |
| DESCRIPTION OF PRODUCT APPLICATION/USE | Corian® Solid Surface 0.25 in, 0.5 in, 0.75 in thickness options (0%, 6%, 13%, 20% recycled content) |
| PRODUCT RSL DESCRIPTION (IF APPL.) | 10 years |
| MARKETS OF APPLICABILITY | North America |
| DATE OF ISSUE | July 28th, 2024 |
| PERIOD OF VALIDITY | 5 Years |
| EPD TYPE | Product-specific |
| EPD SCOPE | Cradle to grave |
| YEAR(S) OF REPORTED PRIMARY DATA | 2022 |
| LCA SOFTWARE & VERSION NUMBER | Sphera LCA for Experts (fka GaBi) 2023.2 |
| LCI DATABASE(S) & VERSION NUMBER | Sphera Managed LCA Content (fka GaBi) 10.7.1.28 |
| LCIA METHODOLOGY & VERSION NUMBER | TRACI 2.1 and IPCC AR5 |

| | |
|---|---|
| The PCR review was conducted by: | International Standards Organization<br>ISO/TC 59/SC 17<br>Standardization@afnor.org |
| This declaration was independently verified in accordance with ISO 14025: 2006.<br>☐ INTERNAL ☒ EXTERNAL | Cooper McCollum<br>Cooper McCollum, UL Solutions |
| This life cycle assessment was conducted in accordance with ISO 14044 and the reference PCR by: | Manasa Rao, WAP Sustainability Consulting, LLC |
| This life cycle assessment was independently verified in accordance with ISO 14044 and the reference PCR by: | Jack Geibig<br>Jack Geibig, Ecoform |

LIMITATIONS

Exclusions: EPDs do not indicate that any environmental or social performance benchmarks are met, and there may be impacts that they do not encompass. LCAs do not typically address the site-specific environmental impacts of raw material extraction, nor are they meant to assess human health toxicity. EPDs can complement but cannot replace tools and certifications that are designed to address these impacts and/or set performance thresholds – e.g. Type 1 certifications, health assessments and declarations, environmental impact assessments, etc.

Accuracy of Results: EPDs regularly rely on estimations of impacts; the level of accuracy in estimation of effect differs for any particular product line and reported impact.

Comparability: EPDs from different programs may not be comparable. EPDs are comparable only if they comply with ISO 21930, use the same sub-category PCR, include all relevant information modules and are based on equivalent scenarios with respect to the context of construction works.

# 1. Product Definition and Information

## 1.1. Description of Company/Organization

DuPont Specialty Products is a publicly traded premier multi-industrial company based in Wilmington, Delaware, United States of America, that manufactures highly specialized materials. Our passion and proven expertise in science and innovation enable us to partner with customers to create sustainable solutions for the complex challenges facing our world now and into the future. We've matched our leading product portfolios, applications capabilities, and strong customer relationships to five key market pillars: electronics, water, protection, industrial technologies, and next generation automotive. The global megatrends in each of these areas represent opportunity and challenges that will require integrated and sustainable innovations.

Our 23,000 employees working in more than 50 countries across the globe come to work each day with a shared purpose: to empower the world with the essential innovations to thrive. Strong partnerships with customers and suppliers are key to our innovation and growth and to advancing sustainability. Over the past several years, we've deepened and broadened our customer relationships – collaborating with them to address climate, circularity, responsible procurement, and product development based on safe and sustainable by design principles. The integration of performance, quality, and sustainability drives our technology and product pipelines and fuels our growth.

## 1.2. Product Description

**Product Identification**

Corian® is a solid, nonporous, homogeneous surfacing material, composed of ≈1/3 acrylic resin (also known as polymethyl methacrylate or PMMA), and ≈2/3 natural minerals. These minerals are composed of aluminum trihydrate (ATH) derived from bauxite, an ore from which aluminum is extracted.

Corian® is an advanced composite product used as an architectural and design material in a variety of residential and commercial applications. Corian® solid surface offers design versatility, functionality, and durability. Supplied in sheets and shapes, it can be fabricated with conventional woodworking tools into virtually any design. It is the original solid surface material made only by DuPont.

This EPD presents results for the Corian® Solid Surface at 0.25 in, 0.50 in, and 0.75 in thickness options. This product falls under CSI 12 36 00.

## 1.3. Application

Corian® can be used in residential applications, including kitchens and bathrooms, as well as in commercial applications for both horizontal and vertical installations. Corian® is the ideal choice for public spaces, homes, healthcare and food preparation facilities, hospitality, schools, and offices.

## 1.4. Declaration of Methodological Framework

This LCA follows an attributional approach.

## 1.5. Technical Requirements

Technical data that describe the assessed product are presented in Table 1.

**Table 1. Technical Data for Corian® Solid Surface**

| CHARACTERISTIC | CORIAN® SOLID SURFACE | TEST METHOD |
|---|---|---|
| Bulk density | 1.7 g/cm$^3$ | ASTM D792 |
| Coefficient of linear thermal expansion | 3.9x10$^{-5}$ m/m °C | ASTM E228 |
| Hardness, Rockwell "M" scale | >85 | ASTM D785 |
| Hardness, Barcol impresser | 56 | ISO 19712-2 (ASTM D2583) |
| Flexural strength | 10,000 psi | ASTM D790 |
| Flexural modulus | 1.2 x 10$^6$ psi | ASTM D790 |
| Tensile modulus | 1.5 × 10$^6$ psi | ASTM D638 |
| Tensile strength | 6,000 psi | ASTM D638 |
| Tensile elongation | 0.4% min | ASTM D638 |
| Compressive strength | 16,000 psi | ASTM C365 |
| Ball impact resistance: Sheets<br>No fracture – ½ lb. ball – 6mm sheet | 36 in. (no failure at height) | NEMA LD 3-3.8 |
| Ball impact resistance: Sheets<br>No fracture – ½ lb. ball – 12mm sheet | 144 in. (no failure at height) | NEMA LD 3-3.8 |
| Consistency of color | Pass | ISFA SST 2.1-00 |
| Flatness of sheets | Pass | ISFA SST 4.1-00 |
| Visual defects | Pass | ISFA SST 5.1-00 |
| Wear and cleanability | Pass | CSA B45.5-17/IAPMO Z124- |
| Stain resistance | Pass | CSA B45.5-17/IAPMO Z124- |
| Light resistance | Pass | ISO 19712-2 |
| Stain / chemical resistance test | Pass | ISO 19712-2 |
| Resistance to cigarette burns | Pass | ISO 19712-2 |
| Resistance to dry heat | Pass | ISO 19712-2 |
| Resistance to wet heat | Pass | ISO 19712-2 |
| Hot/cold cycle water-resistance test | Pass | ISO 19712-2 |
| Load test | Pass | ISO 19712-2 |
| Dimensional stability | Pass | ISO 4568-2 |
| Resistance to surface wear | Pass | ISO 4568-2 |
| Fungal resistance | ASTM rating of 0, no observed growth on product at 100x power | ASTM G21 |
| Bacterial resistance | No observed growth on product at 100x power | ASTM G22 |
| Microbial resistance | Highly resistant to mold growth | UL 2824 (ASTM D6329) |

| | | |
|---|---|---|
| Coefficient of friction (slip resistance), dry conditions | 0.94 - 0.95 (matte finish) | ASTM C1028 |
| Coefficient of friction (slip resistance), wet conditions | 0.50 - 0.64 (matte finish) | ASTM C1028 |
| Boiling water resistance | No visible change | NEMA LD 3-3.5 |
| High temperature resistance | No change | NEMA LD 3-3.6 |
| Flammability: all colors | Class A | NFPA 101®: Life Safety Code® |
| Flame spread index (FSI) | FSI < 25 | ASTM E84, NFPA 255 & UL 723 |
| Smoke developed index | SDI < 25 | ASTM E84, NFPA 255 & UL 723 |
| Flame spread value (FSV) | FSV = 0 | CAN/ULC-S102.2 |
| Smoke developed value (SDV) | SDV = 5 | CAN/ULC-S102.2 |

## 1.6. Properties of Declared Product as Delivered

DuPont Countertop Corian® Solid Surface products are packed in cardboard boxes secured by plastic strapping and then placed on wood pallets ready to be shipped.

## 1.7. Material Composition

The material composition of the product are represented in Table 2.

**Table 2. Material Composition for Corian® Solid Surface**

| MATERIAL | CORIAN® SURFACE |
|---|---|
| Alumina trihydrate | 59.2% |
| Methyl methacrylate | 37.2% |
| Organic peroxide (Catalyst) | 1.12% |
| Additives and Pigments | 2.07% |

## 1.8. Manufacturing

Corian® Solid Surface is produced in Buffalo, NY. At the production facilities, the raw materials are mixed, cast, cured, and cut into sheets. They are then sanded and packaged before distribution.

## 1.9. Packaging

The packaging used in the shipment of this product is described in Table 3.

**Table 3. Packaging Composition for Corian® Solid Surface**

| | CORIAN® SOLID SURFACE 0.25 IN | CORIAN® SOLID SURFACE 0.50 IN | CORIAN® SOLID SURFACE 0.75 IN | UNIT |
|---|---|---|---|---|
| **Corrugate** | 0.07 | 0.14 | 0.21 | kg |
| **Pallets** | 0.95 | 1.91 | 2.86 | kg |
| **Strapping** | 0.002 | 0.005 | 0.01 | kg |

## 1.10. Supplier Transportation

The materials are delivered to the manufacturing facility via ocean going ship and truck. Distances were modeled by material and were calculated using the supplier location and the location of manufacturing. The modeled distance for ship is 9,804 km and for turck the modeled distance is 202 km.

## 1.11. Product Installation

The product is transported to the building site and installed. The product is delivered to the customer via truck. Transportation averages are calculated based on distances to distribution centers. Apart from this, transport distances to the end user site (an initial visit to measure room and counter dimensions, and a second visit to deliver and install the countertop) have been accounted for. A round trip distance of 150 miles has been assumed for each trip made.

Installation starts with transportation of the sheet to a warehouse, distributor, or fabricator. The fabricator is responsible for customizing the sheet and the final product is transported to the installation site and installed with Corian® joint adhesive.

The amount of adhesive used was provided by DuPont after conversations with a fabricator for typical sizing scenarios. A countertop is typically constructed front to back from a 762 mm (30”) width sheet. Therefore for 1 $m^2$ of sheet usage, the countertop length is 1.31 m (51.6”). The adhesive used for front drop edge and back coved backsplash is linear with the length of the countertop. One deck seam is assumed for every 3.7 m (144”) (typical length of a sheet) and the amount of adhesive consumed is prorated to the length of countertop. Four (4) g of adhesive is consumed for purge for every 50 g of adhesive used (assumed 50 mL cartridge). These assumptions give us a total of 27.1 g of adhesive used for 1 $m^2$ of countertop.

Based on the PCR for Residential Countertops, a scrap rate of 30% is used during installation to account for custom sizing for each customer.

Installation equipment is required, and the energy needed to operate the tools is included, as are other ancillary installation materials. However, the manufacturing of the installation equipment is not included in the study as these are multi-use tools and the impacts per functional unit are considered negligible. Packaging and installation waste disposal have been modeled as per guidelines in US EPA Municipal Solid Waste (MSW) data as suggested in the NSF Residential Countertops PCR.

## 1.12. Use

This study contains all of the energy, water and materials related to the use of the product, including cleaning, maintenance, and replacements. Use includes product maintenance, typically cleaning with tap water and a mild soap, over the 10-year timeframe. No sealing or additional maintenance is needed. The amounts of inputs used over the 10-year timeframe.

### 1.13. Reference Service Life and Estimated Building Service Life

In this study, the reference service life (RSL) of the product is 10 years. After initial installation in a building with an estimated service life (ESL) of 75 years there will be 6.5 replacements needed.

### 1.14. Reuse, Recycling, and Energy Recovery

Some amount of scrap generated as part of the manufacturing process is incorporated back into the product while the rest is either disposed or sent to external recycling. For the study, Corian® Solid Surface has 0 , 6, 13, and 20% recycled content options.

### 1.15. Disposal

There are no impacts during deconstruction as the product is manually removed via scraping. DuPont countertops are either landfilled (80%) or incinerated (20%) at end-of-life. Table 11 shows the parameters for the end-of-life scenario utilized in the model. All waste has been classified according to regional-specific legislation as laid out in US EPA Municipal Solid Waste (MSW) data as suggested in the NSF Residential Countertops PCR. All pre-treatment required resource inputs and management activities of the disposal site included through the use of secondary GaBi dataset. Distance to end-of-life facilities is assumed to be 100 km.

## 2. Life Cycle Assessment Background Information

### 2.1. Functional or Declared Unit

The functional unit according to the guidance PCR is 1 $m^2$ of countertop surface used for a period of 75 years. The products under study have a reference service life (RSL) of 10 years. Table 4 below shows additional details related to the functional unit.

**Table 4. Functional Unit Details for Corian® Solid Surface**

| | CORIAN® SOLID SURFACE 0.25 IN | CORIAN® SOLID SURFACE 0.50 IN | CORIAN® SOLID SURFACE 0.75 IN | UNIT |
|---|---|---|---|---|
| **Reference Flow** | 10.70 | 21.40 | 32.10 | kg |
| **Mass per functional unit** | 80.25 | 160.5 | 240.75 | kg |

### 2.2. System Boundary

This EPD is considered a Cradle-to-Grave study. A summary of the life cycle modules included in this EPD is presented in Table 5 below.

**Table 5. Description of the system boundary modules**

| Module Name | Description | Analysis Period | Summary of Included Elements |
|---|---|---|---|
| A1 | Product Stage: Raw Material Supply | 2022 | Extraction and processing of raw materials and packaging. Processing of recycled raw materials from previous product system. |
| A2 | Product Stage: Transport | 2022 | Transportation of materials and packaging to the manufacturing location. |
| A3 | Product Stage: Manufacturing | 2022 | Manufacturing of products, including energy, water, and material usage and water disposal. Waste generation from manufacturing and disposal. |
| A4 | Construction Process Stage: Transport | 2022 | Transportation from the manufacturing gate to the construction site, including fuel usage. Storage and warehousing of products. |
| A5 | Construction Process Stage: Installation | 2022 | Waste disposal and processing of packaging materials. Production, transport, and waste processing and disposal of the lost products and materials due to installation losses. Manufacturing and transport of installation materials. Energy and water used to install the product. |
| B1 | Use Stage: Use | 2022 | Energy, materials, and water related to the usage of the product, including product operation, and cleaning. |
| B2 | Use Stage: Maintenance | 2022 | Energy, materials, and water related to the usage of the product, including product maintenance. |
| B3 | Use Stage: Repair | 2022 | Energy, materials, and water related to the upkeep of the product, including product repair. |
| B4 | Use Stage: Replacement | 2022 | Energy, materials, and water related to the upkeep of the product, including product replacement. |
| B5 | Use Stage: Refurbishment | 2022 | Energy, materials, and water related to the upkeep of the product, including product refurbishment. |
| B6 | Operational Energy Use | 2022 | No operational energy use of building integrated system during product use. |
| B7 | Operational Water Use | 2022 | No operational water use of building integrated system during product use. |
| C1 | EOL: Deconstruction | 2022 | Energy and materials required for deconstructing the product. |
| C2 | EOL: Transport | 2022 | Transportation of the product to the end-of-life facility. |
| C3 | EOL: Waste Processing | 2022 | Waste processing for energy recover, and/or reclamation. |
| C4 | EOL: Disposal | 2022 | Waste disposal, including all resource inputs and management activities of the disposal site. |
| D | Benefits beyond system | MND | Module Not Declared |

## 2.3. Estimates and Assumptions

For this LCA, value choices and judgements were made that may affect the results. First is the inclusion of overhead energy data due to the inability to sub-meter and isolate manufacturing energy from overhead energy. Next was the usage of secondary datasets from MLC in place of supply chain specific data which was unavailable. Limitations to this LCA have been idenfitied and these include lack of geographically accurate datasets, and conisdering only known and quantifiable environmental impacts. Lastly, the cut-off approach to model recycled material in the product was utilized,

and no credit is given to the product system. Due to the assumptions and value choices described, these do not reflect real-life scenarios and can only assess potential environment impacts.

## 2.4. Cut-off Criteria

Material inputs greater than 1% (based on total mass of the final product) were included within the scope of analysis. Material inputs less than 1% were included if sufficient data was available to warrant inclusion and/or the material input was thought to have significant environmental impact. Cumulative excluded material inputs and environmental impacts are less than 5% based on total weight of the functional unit.

The list of excluded materials and energy inputs include:

- As the tools used during the installation of the product are multi-use tools and can be reused after each installation, the per-declared unit impacts are considered negligible and therefore are not included.

Some material inputs may have been excluded within the MLC datasets used for this project. All MLC datasets have been critically reviewed and conform to the exclusion requirement of the PCR, ISO 21930: Sustainability in buildings and civil engineering works — Core rules for environmental product declarations of construction products and services.

## 2.5. Data Sources

Primary data were collected by facility personnel and from utility bills and was used for all manufacturing processes. When primary data did not exist, secondary data for raw material production was utilized from GaBi 10. 7.1.28, GaBi Database Version 2023.2.

## 2.6. Data Quality

Geographical Coverage

The geographical scope of the manufacturing portion of the life cycle is North America (USA and Canada). All primary data were collected from the manufacturer. The geographic coverage of primary data is considered excellent.
The geographical scope of the raw material acquisition is North America, Asia, Europe, and UK. Customer distribution, site installation, and use portions of the life cycle is within the North America.
In selecting secondary data (i.e., MLC Datasets), priority was given to the accuracy and representativeness of the data. When available and deemed of significant quality, country-specific data was used. However, priority was given to technological relevance and accuracy in selecting secondary data. This often led to the substitution of regional and/or global data for country-specific data. The geographical coverage of secondary datasets can be referenced in the dataset references table in the LCA report. Overall geographic data quality is considered good.

Time Coverage

Primary data were provided by the manufacturer and represent all information for calendar year 2022, Using this data meets the PCR requirements. Time coverage of this primary data is considered excellent.

Data necessary to model cradle-to-gate unit processes were sourced from Sphera's MLC LCI datasets. Time coverage of the MLC datasets varies from approximately 2010 to present. All datasets rely on at least one 1-year average data. Overall time coverage of the datasets is considered good.

Technological Coverage

Primary data provided by the manufacturer is specific to the technology the company uses in manufacturing their

product. It is site-specific and considered of good quality. It is worth noting that the energy and water used in manufacturing the product includes overhead energy such as lighting, heating, and sanitary use of water. Sub-metering was not available to extract process-only energy and water use from the total energy use. Sub-metering would improve the technological coverage of data quality.

Data necessary to model cradle-to-gate unit processes were sourced from MLC LCI datasets. Technological coverage of the datasets is considered good relative to the actual supply chain of the manufacturer. While improved life cycle data from suppliers would improve technological coverage, the use of lower-quality generic datasets does meet the goal of this LCA.

Completeness

The data included is considered complete. The LCA model included all known material and energy flows, with the exception of what is listed in Section 2.4. As pointed out in that section, no known flows above 1% were excluded and the sum of all excluded flows totals less than 5%, whether evaluated by mass, energy, or potential environmental impact.

## 2.7. Period under Review

The period under review is calendar year 2022.

## 2.8. Allocation

General principles of allocation were based on ISO 14040/44.There are no products other than the product under study that are produced as part of the manufacturing processes. Since there are no co-products, no allocation based on co-products is required.

To derive a per-unit value for manufacturing inputs such as electricity, thermal energy and water, allocation based on total production by mass was adopted. As a default, Sphera's MLC Managed LCA Content) LCI datasets use a physical basis for allocation.

Of relevance to the defined system boundary is the method in which recycled materials were handled. Throughout the study recycled materials were accounted for via the cut-off method. Under this method, impacts and benefits associated with the previous life of a raw material from recycled stock are excluded from the system boundary. Additionally, impacts and benefits associated with secondary functions of materials at end of life are also excluded (i.e., production into a third life or energy generation from the incineration plant). The study does include the impacts associated with reprocessing and preparation of recycled materials that are part of the bill of materials of the products under study.

## 3. Life Cycle Assessment Scenarios[1]

**Table 6. Transport to the building site (A4)**

| NAME | VALUE | UNIT |
|---|---|---|
| Fuel type | Diesel | |
| Liters of fuel | 42 | l/100km |
| Vehicle type | Heavy Heavy-duty Diesel Truck / 53,333 lb payload | |
| Transport distance | 2174 | km |
| Capacity utilization | 67 | % |
| Weight of products transported | 11.7 – 35.2 | kg |
| Capacity utilization volume factor | 1 | - |

**Table 7. Installation into the building (A5) for Corian® Solid Surface**

| NAME | CORIAN® SOLID SURFACE 0.25 IN | CORIAN® SOLID SURFACE 0.50 IN | CORIAN® SOLID SURFACE 0.75 IN | UNIT |
|---|---|---|---|---|
| Adhesive A | 0.02 | 0.02 | 0.02 | kg |
| Adhesive B | 0.003 | 0.003 | 0.003 | kg |
| Product wastage | 30 | 30 | 30 | % |
| Waste materials at the construction site before waste processing, generated by product installation | 4.23 | 8.46 | 12.7 | kg |
| Pulp Packaging Waste | 1.02 | 2.04 | 3.07 | kg |
| Plastic Packaging Waste | 0.002 | 0.005 | 0.01 | kg |
| Biogenic carbon contained in packaging | 1.71 | 3.44 | 5.16 | kg $CO_2$ |

**Table 8. Reference Service Life**

| NAME | VALUE | UNIT |
|---|---|---|
| RSL | 10 | years |
| Maintenance | Cleaning daily with soap and water | - |

[1] The tables for B1, B3, B5, B6 and B7 are not included as these stages do not involve any flow input or output.

**Table 9. Maintenance (B2)**

| NAME | VALUE | UNIT |
|---|---|---|
| Maintenance process information | Maintenance is taken from DuPont's maintenance guidelines | |
| Maintenance cycle | 3650 | Number/ RSL |
| Maintenance cycle | 27,375 | Number/ ESL |
| Water Consumption<br>Source: Tap water | 1.10E-02 | $m^3$ |
| Soap | 3.00E-01 | kg |

**Table 10.Replacement (B4)**

| NAME | VALUE | UNIT |
|---|---|---|
| Replacement cycle | 1 | Number/ RSL |
| Replacement cycle | 6.5 | Number/ ESL |

**Table 11. End of life (C1-C4) for Corian® Solid Surface 0.25 in**

| | | CORIAN® SOLID SURFACE 0.25 IN | CORIAN® SOLID SURFACE 0.50 IN | CORIAN® SOLID SURFACE 0.75 IN | UNIT |
|---|---|---|---|---|---|
| Assumptions for scenario development | | Manual deconstruction: 80% landfill; 20% incineration | | | |
| Collection process (specified by type) | Collected separately | 0 | 0 | 0 | kg |
| | Collected with mixed construction waste | 10.7 | 21.4 | 32.1 | kg |
| Recovery (specified by type) | Reuse | - | - | - | kg |
| | Recycling | - | - | - | kg |
| | Landfill | 8.57 | 17.2 | 25.7 | kg |
| | Incineration | 2.14 | 4.29 | 6.43 | kg |
| | Incineration with energy recovery | - | - | - | kg |
| | Energy conversion efficiency rate | - | - | - | - |
| Disposal (specified by type) | Product or material for final deposition | 8.57 | 17.2 | 25.7 | kg |
| Removals of biogenic carbon (excluding packaging) | | 0 | 0 | 0 | kg $CO_2$ |

## 4. Life Cycle Assessment Results

**Table 12. Description of the system boundary modules**

| | PRODUCT STAGE | | | CONSTRUCT-ION PROCESS STAGE | | USE STAGE | | | | | | | END OF LIFE STAGE | | | | BENEFITS AND LOADS BEYOND THE SYSTEM BOUNDARY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A1 | A2 | A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 | D |
| | Raw material supply | Transport | Manufacturing | Transport from gate to site | Assembly/Install | Use | Maintenance | Repair | Replacement | Refurbishment | Building Operational Energy Use During Product Use | Building Operational Water Use During Product Use | Deconstruction | Transport | Waste processing | Disposal | Reuse, Recovery, Recycling Potential |
| **Cradle to Grave** | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | MND |

MND: Module not declared

## 4.1. Life Cycle Impact Assessment Results

**Table 13. LCIA results for Corian® solid surface, per functional unit - 0% Recycled Content – 0.25 in**

| Impact Category | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TRACI and IPCC AR5 LCIA Impacts (North America)** | | | | | | | | | | | | | | |
| IPCC AR5 GWP [kg $CO_2$ eq] | 3.37E+01 | 2.06E+00 | 1.28E+01 | 0.00E+00 | 4.91E-01 | 0.00E+00 | 3.51E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.63E-04 | 5.27E+00 | 1.84E-01 |
| AP [kg $SO_2$ eq] | 9.53E-02 | 9.39E-03 | 3.29E-02 | 0.00E+00 | 2.14E-03 | 0.00E+00 | 9.11E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.39E-06 | 1.56E-03 | 9.51E-04 |
| EP [kg N eq] | 4.53E-03 | 8.32E-04 | 2.20E-03 | 0.00E+00 | 1.03E-03 | 0.00E+00 | 5.94E-02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-07 | 4.37E-05 | 1.52E-03 |
| GWP [kg $CO_2$ eq] | 3.24E+01 | 2.03E+00 | 1.23E+01 | 0.00E+00 | 4.68E-01 | 0.00E+00 | 3.40E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.51E-04 | 5.27E+00 | 1.79E-01 |
| ODP [kg CFC 11 eq] | 1.59E-07 | 5.26E-15 | 4.78E-08 | 0.00E+00 | 2.66E-08 | 0.00E+00 | 1.35E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.21E-18 | 3.93E-15 | 8.81E-15 |
| SFP [kg $O_3$ eq] | 1.00E+00 | 2.17E-01 | 3.81E-01 | 0.00E+00 | 3.24E-02 | 0.00E+00 | 1.06E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.46E-05 | 1.06E-02 | 1.73E-02 |
| ADPF [MJ] | 7.77E+02 | 2.67E+01 | 2.45E+02 | 0.00E+00 | 1.26E+01 | 0.00E+00 | 6.85E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-02 | 2.56E+00 | 2.82E+00 |
| **Carbon Emissions and Uptake** | | | | | | | | | | | | | | |
| BCRP [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEP [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCRK [kg $CO_2$] | 1.71E+00 | 0.00E+00 | 5.14E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEK [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 2.23E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEW [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCE [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCR [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CWNR [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

**Table 14. LCIA results for Corian® solid surface, per functional unit - 0% Recycled Content – 0.5 in**

| Impact Category | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TRACI and IPCC AR5 LCIA Impacts (North America)** | | | | | | | | | | | | | | |
| IPCC AR5 GWP [kg $CO_2$ eq] | 6.75E+01 | 4.13E+00 | 2.56E+01 | 0.00E+00 | 4.91E-01 | 0.00E+00 | 7.03E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-03 | 1.06E+01 | 3.69E-01 |
| AP [kg $SO_2$ eq] | 1.92E-01 | 1.88E-02 | 6.64E-02 | 0.00E+00 | 2.14E-03 | 0.00E+00 | 1.84E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-06 | 3.12E-03 | 1.90E-03 |
| EP [kg N eq] | 9.09E-03 | 1.67E-03 | 4.40E-03 | 0.00E+00 | 1.03E-03 | 0.00E+00 | 1.19E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-07 | 8.74E-05 | 3.05E-03 |
| GWP [kg $CO_2$ eq] | 6.50E+01 | 4.07E+00 | 2.47E+01 | 0.00E+00 | 4.68E-01 | 0.00E+00 | 6.80E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-03 | 1.05E+01 | 3.58E-01 |
| ODP [kg CFC 11 eq] | 3.18E-07 | 1.05E-14 | 9.55E-08 | 0.00E+00 | 2.66E-08 | 0.00E+00 | 2.69E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-18 | 7.88E-15 | 1.76E-14 |
| SFP [kg $O_3$ eq] | 2.02E+00 | 4.36E-01 | 7.62E-01 | 0.00E+00 | 3.24E-02 | 0.00E+00 | 2.13E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 2.12E-02 | 3.47E-02 |
| ADPF [MJ] | 1.56E+03 | 5.35E+01 | 4.88E+02 | 0.00E+00 | 1.26E+01 | 0.00E+00 | 1.37E+04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.25E-02 | 5.13E+00 | 5.64E+00 |
| **Carbon Emissions and Uptake** | | | | | | | | | | | | | | |
| BCRP [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEP [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCRK [kg $CO_2$] | 3.44E+00 | 0.00E+00 | 1.03E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEK [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 4.48E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEW [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCE [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCR [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CWNR [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

**Table 15: LCIA results for Corian® solid surface, per functional unit - 0% Recycled Content – 0.75 in**

| IMPACT CATEGORY | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TRACI and IPCC AR5 LCIA Impacts (North America)** | | | | | | | | | | | | | | |
| IPCC AR5 GWP [kg $CO_2$ eq] | 1.01E+02 | 6.19E+00 | 3.83E+01 | 0.00E+00 | 4.91E-01 | 0.00E+00 | 1.05E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-03 | 1.58E+01 | 5.53E-01 |
| AP [kg $SO_2$ eq] | 2.88E-01 | 2.82E-02 | 9.92E-02 | 0.00E+00 | 2.14E-03 | 0.00E+00 | 2.75E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.18E-06 | 4.67E-03 | 2.85E-03 |
| EP [kg N eq] | 1.36E-02 | 2.50E-03 | 6.59E-03 | 0.00E+00 | 1.03E-03 | 0.00E+00 | 1.78E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.51E-07 | 1.31E-04 | 4.57E-03 |
| GWP [kg $CO_2$ eq] | 9.75E+01 | 6.10E+00 | 3.69E+01 | 0.00E+00 | 4.68E-01 | 0.00E+00 | 1.02E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.55E-03 | 1.58E+01 | 5.37E-01 |
| ODP [kg CFC 11 eq] | 4.78E-07 | 1.58E-14 | 1.43E-07 | 0.00E+00 | 2.66E-08 | 0.00E+00 | 4.04E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.64E-18 | 1.18E-14 | 2.64E-14 |
| SFP [kg $O_3$ eq] | 3.02E+00 | 6.54E-01 | 1.14E+00 | 0.00E+00 | 3.24E-02 | 0.00E+00 | 3.19E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 | 3.17E-02 | 5.20E-02 |
| ADPF [MJ] | 2.33E+03 | 8.03E+01 | 7.31E+02 | 0.00E+00 | 1.26E+01 | 0.00E+00 | 2.05E+04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-02 | 7.68E+00 | 8.45E+00 |
| **Carbon Emissions and Uptake** | | | | | | | | | | | | | | |
| BCRP [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEP [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCRK [kg $CO_2$] | 5.16E+00 | 0.00E+00 | 1.55E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEK [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 6.70E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEW [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCE [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCR [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CWNR [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

**Table 16: LCIA results for Corian® solid surface, per functional unit - 6% Recycled Content – 0.25 in**

| IMPACT CATEGORY | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TRACI and IPCC AR5 LCIA Impacts (North America)** | | | | | | | | | | | | | | |
| IPCC AR5 GWP [kg $CO_2$ eq] | 3.21E+01 | 2.06E+00 | 1.23E+01 | 0.00E+00 | 4.91E-01 | 0.00E+00 | 3.38E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.63E-04 | 5.27E+00 | 1.84E-01 |
| AP [kg $SO_2$ eq] | 9.01E-02 | 9.39E-03 | 3.14E-02 | 0.00E+00 | 2.14E-03 | 0.00E+00 | 8.67E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.39E-06 | 1.56E-03 | 9.51E-04 |
| EP [kg N eq] | 4.32E-03 | 8.32E-04 | 2.14E-03 | 0.00E+00 | 1.03E-03 | 0.00E+00 | 5.76E-02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-07 | 4.37E-05 | 1.52E-03 |
| GWP [kg $CO_2$ eq] | 3.09E+01 | 2.03E+00 | 1.19E+01 | 0.00E+00 | 4.68E-01 | 0.00E+00 | 3.27E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.51E-04 | 5.27E+00 | 1.79E-01 |
| ODP [kg CFC 11 eq] | 1.50E-07 | 5.26E-15 | 4.49E-08 | 0.00E+00 | 2.66E-08 | 0.00E+00 | 1.26E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.21E-18 | 3.93E-15 | 8.81E-15 |
| SFP [kg $O_3$ eq] | 9.55E-01 | 2.17E-01 | 3.66E-01 | 0.00E+00 | 3.24E-02 | 0.00E+00 | 1.02E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.46E-05 | 1.06E-02 | 1.73E-02 |
| ADPF [MJ] | 7.44E+02 | 2.67E+01 | 2.35E+02 | 0.00E+00 | 1.26E+01 | 0.00E+00 | 6.57E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-02 | 2.56E+00 | 2.82E+00 |
| **Carbon Emissions and Uptake** | | | | | | | | | | | | | | |
| BCRP [kg CO2] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEP [kg CO2] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCRK [kg CO2] | 1.71E+00 | 0.00E+00 | 5.14E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEK [kg CO2] | 0.00E+00 | 0.00E+00 | 2.23E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEW [kg CO2] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCE [kg CO2] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCR [kg CO2] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CWNR [kg CO2] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

**Table 17: LCIA results for Corian® solid surface, per functional unit - 6% Recycled Content – 0.5 in**

| IMPACT CATEGORY | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TRACI and IPCC AR5 LCIA Impacts (North America)** | | | | | | | | | | | | | | |
| IPCC AR5 GWP [kg $CO_2$ eq] | 6.44E+01 | 4.13E+00 | 2.46E+01 | 0.00E+00 | 4.91E-01 | 0.00E+00 | 6.76E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-03 | 1.06E+01 | 3.69E-01 |
| AP [kg $SO_2$ eq] | 1.82E-01 | 1.88E-02 | 6.32E-02 | 0.00E+00 | 2.14E-03 | 0.00E+00 | 1.75E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-06 | 3.12E-03 | 1.90E-03 |
| EP [kg N eq] | 8.67E-03 | 1.67E-03 | 4.27E-03 | 0.00E+00 | 1.03E-03 | 0.00E+00 | 1.15E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-07 | 8.74E-05 | 3.05E-03 |
| GWP [kg $CO_2$ eq] | 6.20E+01 | 4.07E+00 | 2.38E+01 | 0.00E+00 | 4.68E-01 | 0.00E+00 | 6.55E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-03 | 1.05E+01 | 3.58E-01 |
| ODP [kg CFC 11 eq] | 2.99E-07 | 1.05E-14 | 8.98E-08 | 0.00E+00 | 2.66E-08 | 0.00E+00 | 2.53E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-18 | 7.88E-15 | 1.76E-14 |
| SFP [kg $O_3$ eq] | 1.92E+00 | 4.36E-01 | 7.32E-01 | 0.00E+00 | 3.24E-02 | 0.00E+00 | 2.04E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 2.12E-02 | 3.47E-02 |
| ADPF [MJ] | 1.49E+03 | 5.35E+01 | 4.68E+02 | 0.00E+00 | 1.26E+01 | 0.00E+00 | 1.31E+04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.25E-02 | 5.13E+00 | 5.64E+00 |
| **Carbon Emissions and Uptake** | | | | | | | | | | | | | | |
| BCRP [kg CO2] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEP [kg CO2] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCRK [kg CO2] | 3.44E+00 | 0.00E+00 | 1.03E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEK [kg CO2] | 0.00E+00 | 0.00E+00 | 4.48E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEW [kg CO2] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCE [kg CO2] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCR [kg CO2] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CWNR [kg CO2] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

**Table 18: LCIA results for Corian® solid surface, per functional unit - 6% Recycled Content – 0.75 in**

| IMPACT CATEGORY | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TRACI and IPCC AR5 LCIA Impacts (North America)** | | | | | | | | | | | | | | |
| IPCC AR5 GWP [kg $CO_2$ eq] | 9.65E+01 | 6.19E+00 | 3.69E+01 | 0.00E+00 | 4.91E-01 | 0.00E+00 | 1.01E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-03 | 1.58E+01 | 5.53E-01 |
| AP [kg $SO_2$ eq] | 2.72E-01 | 2.82E-02 | 9.45E-02 | 0.00E+00 | 2.14E-03 | 0.00E+00 | 2.61E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.18E-06 | 4.67E-03 | 2.85E-03 |
| EP [kg N eq] | 1.30E-02 | 2.50E-03 | 6.40E-03 | 0.00E+00 | 1.03E-03 | 0.00E+00 | 1.73E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.51E-07 | 1.31E-04 | 4.57E-03 |
| GWP [kg $CO_2$ eq] | 9.30E+01 | 6.10E+00 | 3.56E+01 | 0.00E+00 | 4.68E-01 | 0.00E+00 | 9.81E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.55E-03 | 1.58E+01 | 5.37E-01 |
| ODP [kg CFC 11 eq] | 4.49E-07 | 1.58E-14 | 1.35E-07 | 0.00E+00 | 2.66E-08 | 0.00E+00 | 3.80E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.64E-18 | 1.18E-14 | 2.64E-14 |
| SFP [kg $O_3$ eq] | 2.87E+00 | 6.54E-01 | 1.10E+00 | 0.00E+00 | 3.24E-02 | 0.00E+00 | 3.06E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 | 3.17E-02 | 5.20E-02 |
| ADPF [MJ] | 2.23E+03 | 8.03E+01 | 7.02E+02 | 0.00E+00 | 1.26E+01 | 0.00E+00 | 1.97E+04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-02 | 7.68E+00 | 8.45E+00 |
| **Carbon Emissions and Uptake** | | | | | | | | | | | | | | |
| BCRP [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEP [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCRK [kg $CO_2$] | 5.16E+00 | 0.00E+00 | 1.55E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEK [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 6.70E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEW [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCE [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCR [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CWNR [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

**Table 19: LCIA results for Corian® solid surface, per functional unit - 13% Recycled Content – 0.25 in**

| IMPACT CATEGORY | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TRACI and IPCC AR5 LCIA Impacts (North America)** | | | | | | | | | | | | | | |
| IPCC AR5 GWP [kg $CO_2$ eq] | 3.04E+01 | 2.06E+00 | 1.18E+01 | 0.00E+00 | 4.91E-01 | 0.00E+00 | 3.23E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.64E-04 | 5.28E+00 | 1.84E-01 |
| AP [kg $SO_2$ eq] | 8.41E-02 | 9.40E-03 | 2.96E-02 | 0.00E+00 | 2.14E-03 | 0.00E+00 | 8.16E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.39E-06 | 1.56E-03 | 9.52E-04 |
| EP [kg N eq] | 4.08E-03 | 8.33E-04 | 2.06E-03 | 0.00E+00 | 1.03E-03 | 0.00E+00 | 5.55E-02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.51E-07 | 4.37E-05 | 1.52E-03 |
| GWP [kg $CO_2$ eq] | 2.92E+01 | 2.03E+00 | 1.14E+01 | 0.00E+00 | 4.68E-01 | 0.00E+00 | 3.13E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.52E-04 | 5.28E+00 | 1.79E-01 |
| ODP [kg CFC 11 eq] | 1.38E-07 | 5.26E-15 | 4.15E-08 | 0.00E+00 | 2.66E-08 | 0.00E+00 | 1.17E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-18 | 3.94E-15 | 8.82E-15 |
| SFP [kg $O_3$ eq] | 8.98E-01 | 2.18E-01 | 3.49E-01 | 0.00E+00 | 3.24E-02 | 0.00E+00 | 9.70E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-05 | 1.06E-02 | 1.73E-02 |
| ADPF [MJ] | 7.06E+02 | 2.67E+01 | 2.23E+02 | 0.00E+00 | 1.26E+01 | 0.00E+00 | 6.25E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-02 | 2.56E+00 | 2.82E+00 |
| **Carbon Emissions and Uptake** | | | | | | | | | | | | | | |
| BCRP [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEP [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCRK [kg $CO_2$] | 1.71E+00 | 0.00E+00 | 5.14E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEK [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 2.23E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEW [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCE [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCR [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CWNR [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

**Table 20: LCIA results for Corian® solid surface, per functional unit - 13% Recycled Content – 0.5 in**

| IMPACT CATEGORY | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TRACI and IPCC AR5 LCIA Impacts (North America)** | | | | | | | | | | | | | | |
| IPCC AR5 GWP [kg $CO_2$ eq] | 6.08E+01 | 4.13E+00 | 2.35E+01 | 0.00E+00 | 4.91E-01 | 0.00E+00 | 6.46E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-03 | 1.06E+01 | 3.69E-01 |
| AP [kg $SO_2$ eq] | 1.70E-01 | 1.88E-02 | 5.95E-02 | 0.00E+00 | 2.14E-03 | 0.00E+00 | 1.64E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-06 | 3.12E-03 | 1.90E-03 |
| EP [kg N eq] | 8.17E-03 | 1.67E-03 | 4.13E-03 | 0.00E+00 | 1.03E-03 | 0.00E+00 | 1.11E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-07 | 8.74E-05 | 3.05E-03 |
| GWP [kg $CO_2$ eq] | 5.85E+01 | 4.07E+00 | 2.27E+01 | 0.00E+00 | 4.68E-01 | 0.00E+00 | 6.25E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-03 | 1.06E+01 | 3.58E-01 |
| ODP [kg CFC 11 eq] | 2.77E-07 | 1.05E-14 | 8.31E-08 | 0.00E+00 | 2.66E-08 | 0.00E+00 | 2.34E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-18 | 7.88E-15 | 1.76E-14 |
| SFP [kg $O_3$ eq] | 1.80E+00 | 4.36E-01 | 6.98E-01 | 0.00E+00 | 3.24E-02 | 0.00E+00 | 1.94E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 2.12E-02 | 3.47E-02 |
| ADPF [MJ] | 1.41E+03 | 5.35E+01 | 4.45E+02 | 0.00E+00 | 1.26E+01 | 0.00E+00 | 1.25E+04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.25E-02 | 5.13E+00 | 5.64E+00 |
| **Carbon Emissions and Uptake** | | | | | | | | | | | | | | |
| BCRP [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEP [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCRK [kg $CO_2$] | 3.44E+00 | 0.00E+00 | 1.03E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEK [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 4.48E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEW [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCE [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCR [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CWNR [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

**Table 21: LCIA results for Corian® solid surface, per functional unit - 13% Recycled Content – 0.75 in**

| IMPACT CATEGORY | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TRACI and IPCC AR5 LCIA Impacts (North America)** | | | | | | | | | | | | | | |
| IPCC AR5 GWP [kg $CO_2$ eq] | 9.11E+01 | 6.19E+00 | 3.53E+01 | 0.00E+00 | 4.91E-01 | 0.00E+00 | 9.68E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-03 | 1.58E+01 | 5.53E-01 |
| AP [kg $SO_2$ eq] | 2.54E-01 | 2.82E-02 | 8.90E-02 | 0.00E+00 | 2.14E-03 | 0.00E+00 | 2.46E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.18E-06 | 4.67E-03 | 2.85E-03 |
| EP [kg N eq] | 1.22E-02 | 2.50E-03 | 6.18E-03 | 0.00E+00 | 1.03E-03 | 0.00E+00 | 1.67E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.51E-07 | 1.31E-04 | 4.57E-03 |
| GWP [kg $CO_2$ eq] | 8.78E+01 | 6.10E+00 | 3.40E+01 | 0.00E+00 | 4.68E-01 | 0.00E+00 | 9.38E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.56E-03 | 1.58E+01 | 5.37E-01 |
| ODP [kg CFC 11 eq] | 4.16E-07 | 1.58E-14 | 1.25E-07 | 0.00E+00 | 2.66E-08 | 0.00E+00 | 3.51E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.64E-18 | 1.18E-14 | 2.64E-14 |
| SFP [kg $O_3$ eq] | 2.70E+00 | 6.54E-01 | 1.04E+00 | 0.00E+00 | 3.24E-02 | 0.00E+00 | 2.91E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 | 3.17E-02 | 5.20E-02 |
| ADPF [MJ] | 2.12E+03 | 8.03E+01 | 6.67E+02 | 0.00E+00 | 1.26E+01 | 0.00E+00 | 1.87E+04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-02 | 7.69E+00 | 8.45E+00 |
| **Carbon Emissions and Uptake** | | | | | | | | | | | | | | |
| BCRP [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEP [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCRK [kg $CO_2$] | 5.16E+00 | 0.00E+00 | 1.55E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEK [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 6.70E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEW [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCE [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCR [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CWNR [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

**Table 22: LCIA results for Corian® solid surface, per functional unit - 20% Recycled Content – 0.25 in**

| IMPACT CATEGORY | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TRACI and IPCC AR5 LCIA Impacts (North America)** | | | | | | | | | | | | | | |
| IPCC AR5 GWP [kg $CO_2$ eq] | 2.85E+01 | 2.06E+00 | 1.12E+01 | 0.00E+00 | 4.91E-01 | 0.00E+00 | 3.08E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.64E-04 | 5.28E+00 | 1.84E-01 |
| AP [kg $SO_2$ eq] | 7.80E-02 | 9.40E-03 | 2.78E-02 | 0.00E+00 | 2.14E-03 | 0.00E+00 | 7.65E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.39E-06 | 1.56E-03 | 9.52E-04 |
| EP [kg N eq] | 3.83E-03 | 8.33E-04 | 1.99E-03 | 0.00E+00 | 1.03E-03 | 0.00E+00 | 5.34E-02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.51E-07 | 4.37E-05 | 1.52E-03 |
| GWP [kg $CO_2$ eq] | 2.75E+01 | 2.03E+00 | 1.08E+01 | 0.00E+00 | 4.68E-01 | 0.00E+00 | 2.98E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.52E-04 | 5.28E+00 | 1.79E-01 |
| ODP [kg CFC 11 eq] | 1.27E-07 | 5.26E-15 | 3.82E-08 | 0.00E+00 | 2.66E-08 | 0.00E+00 | 1.08E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-18 | 3.94E-15 | 8.82E-15 |
| SFP [kg $O_3$ eq] | 8.40E-01 | 2.18E-01 | 3.32E-01 | 0.00E+00 | 3.24E-02 | 0.00E+00 | 9.21E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-05 | 1.06E-02 | 1.73E-02 |
| ADPF [MJ] | 6.67E+02 | 2.67E+01 | 2.12E+02 | 0.00E+00 | 1.26E+01 | 0.00E+00 | 5.92E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-02 | 2.56E+00 | 2.82E+00 |
| **Carbon Emissions and Uptake** | | | | | | | | | | | | | | |
| BCRP [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEP [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCRK [kg $CO_2$] | 1.71E+00 | 0.00E+00 | 5.14E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEK [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 2.23E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEW [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCE [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCR [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CWNR [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

**Table 23: LCIA results for Corian® solid surface, per functional unit - 20% Recycled Content – 0.5 in**

| IMPACT CATEGORY | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TRACI and IPCC AR5 LCIA Impacts (North America)** | | | | | | | | | | | | | | |
| IPCC AR5 GWP [kg $CO_2$ eq] | 5.71E+01 | 4.13E+00 | 2.24E+01 | 0.00E+00 | 4.91E-01 | 0.00E+00 | 6.15E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-03 | 1.06E+01 | 3.69E-01 |
| AP [kg $SO_2$ eq] | 1.57E-01 | 1.88E-02 | 5.58E-02 | 0.00E+00 | 2.14E-03 | 0.00E+00 | 1.54E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-06 | 3.12E-03 | 1.90E-03 |
| EP [kg N eq] | 7.67E-03 | 1.67E-03 | 3.98E-03 | 0.00E+00 | 1.03E-03 | 0.00E+00 | 1.07E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-07 | 8.74E-05 | 3.05E-03 |
| GWP [kg $CO_2$ eq] | 5.50E+01 | 4.07E+00 | 2.17E+01 | 0.00E+00 | 4.68E-01 | 0.00E+00 | 5.96E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-03 | 1.06E+01 | 3.58E-01 |
| ODP [kg CFC 11 eq] | 2.55E-07 | 1.05E-14 | 7.64E-08 | 0.00E+00 | 2.66E-08 | 0.00E+00 | 2.15E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-18 | 7.88E-15 | 1.76E-14 |
| SFP [kg $O_3$ eq] | 1.68E+00 | 4.36E-01 | 6.63E-01 | 0.00E+00 | 3.24E-02 | 0.00E+00 | 1.85E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 2.12E-02 | 3.47E-02 |
| ADPF [MJ] | 1.33E+03 | 5.35E+01 | 4.22E+02 | 0.00E+00 | 1.26E+01 | 0.00E+00 | 1.18E+04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.25E-02 | 5.13E+00 | 5.64E+00 |
| **Carbon Emissions and Uptake** | | | | | | | | | | | | | | |
| BCRP [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEP [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCRK [kg $CO_2$] | 3.44E+00 | 0.00E+00 | 1.03E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEK [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 4.48E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEW [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCE [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCR [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CWNR [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

**Table 24: LCIA results for Corian® solid surface, per functional unit - 20% Recycled Content – 0.75 in**

| IMPACT CATEGORY | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TRACI and IPCC AR5 LCIA Impacts (North America)** | | | | | | | | | | | | | | |
| IPCC AR5 GWP [kg $CO_2$ eq] | 8.57E+01 | 6.19E+00 | 3.36E+01 | 0.00E+00 | 4.91E-01 | 0.00E+00 | 9.22E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-03 | 1.58E+01 | 5.53E-01 |
| AP [kg $SO_2$ eq] | 2.35E-01 | 2.82E-02 | 8.35E-02 | 0.00E+00 | 2.14E-03 | 0.00E+00 | 2.31E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.18E-06 | 4.67E-03 | 2.85E-03 |
| EP [kg N eq] | 1.15E-02 | 2.50E-03 | 5.96E-03 | 0.00E+00 | 1.03E-03 | 0.00E+00 | 1.60E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.51E-07 | 1.31E-04 | 4.57E-03 |
| GWP [kg $CO_2$ eq] | 8.25E+01 | 6.10E+00 | 3.25E+01 | 0.00E+00 | 4.68E-01 | 0.00E+00 | 8.93E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.56E-03 | 1.58E+01 | 5.37E-01 |
| ODP [kg CFC 11 eq] | 3.82E-07 | 1.58E-14 | 1.15E-07 | 0.00E+00 | 2.66E-08 | 0.00E+00 | 3.23E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.64E-18 | 1.18E-14 | 2.64E-14 |
| SFP [kg $O_3$ eq] | 2.52E+00 | 6.54E-01 | 9.93E-01 | 0.00E+00 | 3.24E-02 | 0.00E+00 | 2.77E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 | 3.17E-02 | 5.20E-02 |
| ADPF [MJ] | 2.00E+03 | 8.03E+01 | 6.32E+02 | 0.00E+00 | 1.26E+01 | 0.00E+00 | 1.78E+04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-02 | 7.69E+00 | 8.45E+00 |
| **Carbon Emissions and Uptake** | | | | | | | | | | | | | | |
| BCRP [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEP [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCRK [kg $CO_2$] | 5.16E+00 | 0.00E+00 | 1.55E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEK [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 6.70E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| BCEW [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCE [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CCR [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| CWNR [kg $CO_2$] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

## 4.2. Life Cycle Inventory Results

**Table 25: Resource use, waste, and output flow results for Corian® solid surface, per functional unit - 0% Recycled Content – 0.25 in**

| IMPACT CATEGORY | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Resource Use Indicators** | | | | | | | | | | | | | | |
| $RPR_E$ [MJ] | 4.56E+01 | 1.14E+00 | 1.43E+01 | 0.00E+00 | 3.36E+00 | 0.00E+00 | 4.00E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-04 | 1.47E-01 | 3.36E-01 |
| $RPR_M$ [MJ] | 1.19E+01 | 0.00E+00 | 3.56E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| $NRPR_E$ [MJ] | 4.84E+02 | 2.87E+01 | 1.57E+02 | 0.00E+00 | 1.27E+01 | 0.00E+00 | 4.39E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-02 | 2.57E+00 | 2.87E+00 |
| $NRPR_M$ [MJ] | 3.06E+02 | 0.00E+00 | 9.19E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| SM [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| NRSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RE [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| FW [$m^3$] | 1.98E-01 | 3.92E-03 | 6.43E-02 | 0.00E+00 | 1.25E-01 | 0.00E+00 | 1.80E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-06 | 9.67E-03 | 3.55E-04 |
| **Output Flows and Waste Categories** | | | | | | | | | | | | | | |
| HWD [kg] | 5.10E-06 | 8.24E-11 | 1.53E-06 | 0.00E+00 | 1.20E-03 | 0.00E+00 | 4.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-14 | 9.10E-11 | 7.15E-11 |
| NHWD [kg] | 5.97E-01 | 2.49E-03 | 3.09E+00 | 0.00E+00 | 4.36E-02 | 0.00E+00 | 8.24E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-06 | 4.63E-01 | 8.53E+00 |
| HLRW [kg] | 2.24E-05 | 9.75E-08 | 6.82E-06 | 0.00E+00 | 5.23E-07 | 0.00E+00 | 1.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-11 | 5.27E-08 | 3.55E-08 |
| ILLRW [kg] | 1.80E-02 | 8.21E-05 | 5.50E-03 | 0.00E+00 | 4.18E-04 | 0.00E+00 | 1.54E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-08 | 4.49E-05 | 3.17E-05 |
| CRU [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MR [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MER [kg] | 0.00E+00 | 0.00E+00 | 6.42E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.14E+00 | 0.00E+00 |
| EEE [MJ] | 0.00E+00 | 0.00E+00 | 1.82E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| EET [MJ] | 0.00E+00 | 0.00E+00 | 6.05E-02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

**Table 26: Resource use, waste, and output flow results for Corian® solid surface, per functional unit - 0% Recycled Content – 0.5 in**

| IMPACT CATEGORY | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Resource Use Indicators** | | | | | | | | | | | | | | |
| $RPR_E$ [MJ] | 9.14E+01 | 2.29E+00 | 2.86E+01 | 0.00E+00 | 3.36E+00 | 0.00E+00 | 8.01E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.62E-04 | 2.95E-01 | 6.72E-01 |
| $RPR_M$ [MJ] | 2.38E+01 | 0.00E+00 | 7.15E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| $NRPR_E$ [MJ] | 9.70E+02 | 5.75E+01 | 3.14E+02 | 0.00E+00 | 1.27E+01 | 0.00E+00 | 8.79E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.42E-02 | 5.15E+00 | 5.74E+00 |
| $NRPR_M$ [MJ] | 6.13E+02 | 0.00E+00 | 1.84E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| SM [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| NRSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RE [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| FW [$m^3$] | 3.97E-01 | 7.85E-03 | 1.28E-01 | 0.00E+00 | 1.25E-01 | 0.00E+00 | 3.60E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-06 | 1.94E-02 | 7.12E-04 |
| **Output Flows and Waste Categories** | | | | | | | | | | | | | | |
| HWD [kg] | 1.04E-05 | 1.65E-10 | 3.12E-06 | 0.00E+00 | 1.20E-03 | 0.00E+00 | 8.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.95E-14 | 1.82E-10 | 1.43E-10 |
| NHWD [kg] | 1.26E+00 | 5.00E-03 | 6.22E+00 | 0.00E+00 | 4.36E-02 | 0.00E+00 | 1.66E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-06 | 9.27E-01 | 1.71E+01 |
| HLRW [kg] | 4.48E-05 | 1.96E-07 | 1.36E-05 | 0.00E+00 | 5.23E-07 | 0.00E+00 | 3.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.22E-11 | 1.06E-07 | 7.10E-08 |
| ILLRW [kg] | 3.61E-02 | 1.65E-04 | 1.10E-02 | 0.00E+00 | 4.18E-04 | 0.00E+00 | 3.08E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-08 | 8.99E-05 | 6.35E-05 |
| CRU [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MR [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MER [kg] | 0.00E+00 | 0.00E+00 | 1.29E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E+00 | 0.00E+00 |
| EEE [MJ] | 0.00E+00 | 0.00E+00 | 3.66E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| EET [MJ] | 0.00E+00 | 0.00E+00 | 1.22E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.93E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

**Table 27: Resource use, waste, and output flow results for Corian® solid surface, per functional unit - 0% Recycled Content – 0.75 in**

| Impact Category | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Resource Use Indicators** | | | | | | | | | | | | | | |
| $RPR_E$ [MJ] | 1.37E+02 | 3.43E+00 | 4.28E+01 | 0.00E+00 | 3.36E+00 | 0.00E+00 | 1.20E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-03 | 4.42E-01 | 1.01E+00 |
| $RPR_M$ [MJ] | 3.57E+01 | 0.00E+00 | 1.07E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| $NRPR_E$ [MJ] | 1.45E+03 | 8.62E+01 | 4.70E+02 | 0.00E+00 | 1.27E+01 | 0.00E+00 | 1.32E+04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-02 | 7.71E+00 | 8.60E+00 |
| $NRPR_M$ [MJ] | 9.19E+02 | 0.00E+00 | 2.76E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| SM [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| NRSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RE [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| FW [$m^3$] | 5.95E-01 | 1.18E-02 | 1.92E-01 | 0.00E+00 | 1.25E-01 | 0.00E+00 | 5.39E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E-06 | 2.90E-02 | 1.07E-03 |
| **Output Flows and Waste Categories** | | | | | | | | | | | | | | |
| HWD [kg] | 1.55E-05 | 2.48E-10 | 4.65E-06 | 0.00E+00 | 1.20E-03 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-13 | 2.73E-10 | 2.15E-10 |
| NHWD [kg] | 1.85E+00 | 7.50E-03 | 9.31E+00 | 0.00E+00 | 4.36E-02 | 0.00E+00 | 2.48E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-06 | 1.39E+00 | 2.56E+01 |
| HLRW [kg] | 6.71E-05 | 2.93E-07 | 2.04E-05 | 0.00E+00 | 5.23E-07 | 0.00E+00 | 5.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-10 | 1.58E-07 | 1.06E-07 |
| ILLRW [kg] | 5.41E-02 | 2.47E-04 | 1.64E-02 | 0.00E+00 | 4.18E-04 | 0.00E+00 | 4.62E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-07 | 1.35E-04 | 9.52E-05 |
| CRU [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MR [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MER [kg] | 0.00E+00 | 0.00E+00 | 1.93E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.43E+00 | 0.00E+00 |
| EEE [MJ] | 0.00E+00 | 0.00E+00 | 5.50E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| EET [MJ] | 0.00E+00 | 0.00E+00 | 1.84E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

**Table 28: Resource use, waste, and output flow results for Corian® solid surface, per functional unit - 6% Recycled Content – 0.25 in**

| IMPACT CATEGORY | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Resource Use Indicators** | | | | | | | | | | | | | | |
| $RPR_E$ [MJ] | 4.46E+01 | 1.14E+00 | 1.40E+01 | 0.00E+00 | 3.36E+00 | 0.00E+00 | 3.92E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-04 | 1.47E-01 | 3.36E-01 |
| $RPR_M$ [MJ] | 1.19E+01 | 0.00E+00 | 3.56E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| $NRPR_E$ [MJ] | 4.57E+02 | 2.87E+01 | 1.49E+02 | 0.00E+00 | 1.27E+01 | 0.00E+00 | 4.16E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-02 | 2.57E+00 | 2.87E+00 |
| $NRPR_M$ [MJ] | 3.00E+02 | 0.00E+00 | 9.00E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.54E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| SM [kg] | 6.41E-01 | 0.00E+00 | 1.92E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| NRSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RE [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| FW [$m^3$] | 1.92E-01 | 3.92E-03 | 6.25E-02 | 0.00E+00 | 1.25E-01 | 0.00E+00 | 1.75E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-06 | 9.67E-03 | 3.55E-04 |
| **Output Flows and Waste Categories** | | | | | | | | | | | | | | |
| HWD [kg] | 4.79E-06 | 8.24E-11 | 1.44E-06 | 0.00E+00 | 1.20E-03 | 0.00E+00 | 4.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-14 | 9.10E-11 | 7.15E-11 |
| NHWD [kg] | 5.68E-01 | 2.49E-03 | 3.09E+00 | 0.00E+00 | 4.36E-02 | 0.00E+00 | 8.22E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-06 | 4.63E-01 | 8.53E+00 |
| HLRW [kg] | 2.19E-05 | 9.75E-08 | 6.68E-06 | 0.00E+00 | 5.23E-07 | 0.00E+00 | 1.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-11 | 5.27E-08 | 3.55E-08 |
| ILLRW [kg] | 1.77E-02 | 8.21E-05 | 5.40E-03 | 0.00E+00 | 4.18E-04 | 0.00E+00 | 1.51E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-08 | 4.49E-05 | 3.17E-05 |
| CRU [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MR [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MER [kg] | 0.00E+00 | 0.00E+00 | 6.42E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.14E+00 | 0.00E+00 |
| EEE [MJ] | 0.00E+00 | 0.00E+00 | 1.82E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| EET [MJ] | 0.00E+00 | 0.00E+00 | 6.05E-02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

**Table 29: Resource use, waste, and output flow results for Corian® solid surface, per functional unit - 6% Recycled Content – 0.5 in**

| IMPACT CATEGORY | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Resource Use Indicators** | | | | | | | | | | | | | | |
| $RPR_E$ [MJ] | 8.94E+01 | 2.29E+00 | 2.79E+01 | 0.00E+00 | 3.36E+00 | 0.00E+00 | 7.84E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.62E-04 | 2.95E-01 | 6.72E-01 |
| $RPR_M$ [MJ] | 2.38E+01 | 0.00E+00 | 7.15E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| $NRPR_E$ [MJ] | 9.15E+02 | 5.75E+01 | 2.97E+02 | 0.00E+00 | 1.27E+01 | 0.00E+00 | 8.33E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.42E-02 | 5.15E+00 | 5.74E+00 |
| $NRPR_M$ [MJ] | 6.00E+02 | 0.00E+00 | 1.80E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| SM [kg] | 1.28E+00 | 0.00E+00 | 3.85E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| NRSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RE [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| FW [$m^3$] | 3.85E-01 | 7.85E-03 | 1.25E-01 | 0.00E+00 | 1.25E-01 | 0.00E+00 | 3.50E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-06 | 1.94E-02 | 7.12E-04 |
| **Output Flows and Waste Categories** | | | | | | | | | | | | | | |
| HWD [kg] | 9.79E-06 | 1.65E-10 | 2.94E-06 | 0.00E+00 | 1.20E-03 | 0.00E+00 | 8.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.95E-14 | 1.82E-10 | 1.43E-10 |
| NHWD [kg] | 1.20E+00 | 5.00E-03 | 6.20E+00 | 0.00E+00 | 4.36E-02 | 0.00E+00 | 1.65E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-06 | 9.27E-01 | 1.71E+01 |
| HLRW [kg] | 4.39E-05 | 1.96E-07 | 1.33E-05 | 0.00E+00 | 5.23E-07 | 0.00E+00 | 3.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.22E-11 | 1.06E-07 | 7.10E-08 |
| ILLRW [kg] | 3.54E-02 | 1.65E-04 | 1.08E-02 | 0.00E+00 | 4.18E-04 | 0.00E+00 | 3.02E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-08 | 8.99E-05 | 6.35E-05 |
| CRU [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MR [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MER [kg] | 0.00E+00 | 0.00E+00 | 1.29E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E+00 | 0.00E+00 |
| EEE [MJ] | 0.00E+00 | 0.00E+00 | 3.66E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| EET [MJ] | 0.00E+00 | 0.00E+00 | 1.22E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.93E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

**Table 30: Resource use, waste, and output flow results for Corian® solid surface, per functional unit - 6% Recycled Content – 0.75 in**

| IMPACT CATEGORY | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Resource Use Indicators** | | | | | | | | | | | | | | |
| $RPR_E$ [MJ] | 1.34E+02 | 3.43E+00 | 4.18E+01 | 0.00E+00 | 3.36E+00 | 0.00E+00 | 1.17E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-03 | 4.42E-01 | 1.01E+00 |
| $RPR_M$ [MJ] | 3.57E+01 | 0.00E+00 | 1.07E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| $NRPR_E$ [MJ] | 1.37E+03 | 8.62E+01 | 4.45E+02 | 0.00E+00 | 1.27E+01 | 0.00E+00 | 1.25E+04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-02 | 7.71E+00 | 8.60E+00 |
| $NRPR_M$ [MJ] | 9.00E+02 | 0.00E+00 | 2.70E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.61E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| SM [kg] | 1.93E+00 | 0.00E+00 | 5.78E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| NRSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RE [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| FW [$m^3$] | 5.77E-01 | 1.18E-02 | 1.87E-01 | 0.00E+00 | 1.25E-01 | 0.00E+00 | 5.24E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E-06 | 2.90E-02 | 1.07E-03 |
| **Output Flows and Waste Categories** | | | | | | | | | | | | | | |
| HWD [kg] | 1.46E-05 | 2.48E-10 | 4.37E-06 | 0.00E+00 | 1.20E-03 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-13 | 2.73E-10 | 2.15E-10 |
| NHWD [kg] | 1.76E+00 | 7.50E-03 | 9.28E+00 | 0.00E+00 | 4.36E-02 | 0.00E+00 | 2.47E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-06 | 1.39E+00 | 2.56E+01 |
| HLRW [kg] | 6.57E-05 | 2.93E-07 | 2.00E-05 | 0.00E+00 | 5.23E-07 | 0.00E+00 | 5.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-10 | 1.58E-07 | 1.06E-07 |
| ILLRW [kg] | 5.31E-02 | 2.47E-04 | 1.61E-02 | 0.00E+00 | 4.18E-04 | 0.00E+00 | 4.53E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-07 | 1.35E-04 | 9.52E-05 |
| CRU [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MR [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MER [kg] | 0.00E+00 | 0.00E+00 | 1.93E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.43E+00 | 0.00E+00 |
| EEE [MJ] | 0.00E+00 | 0.00E+00 | 5.50E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| EET [MJ] | 0.00E+00 | 0.00E+00 | 1.84E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

**Table 31: Resource use, waste, and output flow results for Corian® solid surface, per functional unit - 13% Recycled Content – 0.25 in**

| IMPACT CATEGORY | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Resource Use Indicators** | | | | | | | | | | | | | | |
| $RPR_E$ [MJ] | 4.35E+01 | 1.14E+00 | 1.37E+01 | 0.00E+00 | 3.36E+00 | 0.00E+00 | 3.82E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-04 | 1.48E-01 | 3.36E-01 |
| $RPR_M$ [MJ] | 1.19E+01 | 0.00E+00 | 3.56E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| $NRPR_E$ [MJ] | 4.25E+02 | 2.87E+01 | 1.40E+02 | 0.00E+00 | 1.27E+01 | 0.00E+00 | 3.90E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-02 | 2.57E+00 | 2.87E+00 |
| $NRPR_M$ [MJ] | 2.93E+02 | 0.00E+00 | 8.78E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.47E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| SM [kg] | 1.39E+00 | 0.00E+00 | 4.17E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| NRSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RE [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| FW [$m^3$] | 1.86E-01 | 3.92E-03 | 6.05E-02 | 0.00E+00 | 1.25E-01 | 0.00E+00 | 1.69E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-06 | 9.68E-03 | 3.56E-04 |
| **Output Flows and Waste Categories** | | | | | | | | | | | | | | |
| HWD [kg] | 4.43E-06 | 8.25E-11 | 1.33E-06 | 0.00E+00 | 1.20E-03 | 0.00E+00 | 3.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-14 | 9.11E-11 | 7.16E-11 |
| NHWD [kg] | 5.34E-01 | 2.50E-03 | 3.08E+00 | 0.00E+00 | 4.36E-02 | 0.00E+00 | 8.20E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-06 | 4.64E-01 | 8.54E+00 |
| HLRW [kg] | 2.14E-05 | 9.76E-08 | 6.52E-06 | 0.00E+00 | 5.23E-07 | 0.00E+00 | 1.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-11 | 5.28E-08 | 3.55E-08 |
| ILLRW [kg] | 1.73E-02 | 8.22E-05 | 5.28E-03 | 0.00E+00 | 4.18E-04 | 0.00E+00 | 1.48E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-08 | 4.50E-05 | 3.18E-05 |
| CRU [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MR [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MER [kg] | 0.00E+00 | 0.00E+00 | 6.43E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.14E+00 | 0.00E+00 |
| EEE [MJ] | 0.00E+00 | 0.00E+00 | 1.82E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| EET [MJ] | 0.00E+00 | 0.00E+00 | 6.05E-02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

**Table 32: Resource use, waste, and output flow results for Corian® solid surface, per functional unit - 13% Recycled Content – 0.5 in**

| IMPACT CATEGORY | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Resource Use Indicators** | | | | | | | | | | | | | | |
| $RPR_E$ [MJ] | 8.70E+01 | 2.29E+00 | 2.72E+01 | 0.00E+00 | 3.36E+00 | 0.00E+00 | 7.64E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.63E-04 | 2.95E-01 | 6.72E-01 |
| $RPR_M$ [MJ] | 2.38E+01 | 0.00E+00 | 7.15E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| $NRPR_E$ [MJ] | 8.52E+02 | 5.75E+01 | 2.78E+02 | 0.00E+00 | 1.27E+01 | 0.00E+00 | 7.79E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.42E-02 | 5.15E+00 | 5.74E+00 |
| $NRPR_M$ [MJ] | 5.86E+02 | 0.00E+00 | 1.76E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| SM [kg] | 2.78E+00 | 0.00E+00 | 8.35E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| NRSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RE [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| FW [$m^3$] | 3.71E-01 | 7.85E-03 | 1.21E-01 | 0.00E+00 | 1.25E-01 | 0.00E+00 | 3.38E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-06 | 1.94E-02 | 7.12E-04 |
| **Output Flows and Waste Categories** | | | | | | | | | | | | | | |
| HWD [kg] | 9.06E-06 | 1.65E-10 | 2.72E-06 | 0.00E+00 | 1.20E-03 | 0.00E+00 | 7.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.95E-14 | 1.82E-10 | 1.43E-10 |
| NHWD [kg] | 1.13E+00 | 5.00E-03 | 6.18E+00 | 0.00E+00 | 4.36E-02 | 0.00E+00 | 1.65E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-06 | 9.28E-01 | 1.71E+01 |
| HLRW [kg] | 4.28E-05 | 1.96E-07 | 1.30E-05 | 0.00E+00 | 5.23E-07 | 0.00E+00 | 3.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.22E-11 | 1.06E-07 | 7.10E-08 |
| ILLRW [kg] | 3.46E-02 | 1.65E-04 | 1.05E-02 | 0.00E+00 | 4.18E-04 | 0.00E+00 | 2.95E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-08 | 8.99E-05 | 6.35E-05 |
| CRU [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MR [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MER [kg] | 0.00E+00 | 0.00E+00 | 1.29E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E+00 | 0.00E+00 |
| EEE [MJ] | 0.00E+00 | 0.00E+00 | 3.66E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| EET [MJ] | 0.00E+00 | 0.00E+00 | 1.22E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.93E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

**Table 33: Resource use, waste, and output flow results for Corian® solid surface, per functional unit - 13% Recycled Content – 0.75 in**

| IMPACT CATEGORY | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Resource Use Indicators** | | | | | | | | | | | | | | |
| $RPR_E$ [MJ] | 1.30E+02 | 3.43E+00 | 4.08E+01 | 0.00E+00 | 3.36E+00 | 0.00E+00 | 1.14E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-03 | 4.43E-01 | 1.01E+00 |
| $RPR_M$ [MJ] | 3.57E+01 | 0.00E+00 | 1.07E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| $NRPR_E$ [MJ] | 1.28E+03 | 8.62E+01 | 4.17E+02 | 0.00E+00 | 1.27E+01 | 0.00E+00 | 1.17E+04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-02 | 7.71E+00 | 8.61E+00 |
| $NRPR_M$ [MJ] | 8.79E+02 | 0.00E+00 | 2.64E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.42E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| SM [kg] | 4.17E+00 | 0.00E+00 | 1.25E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| NRSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RE [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| FW [$m^3$] | 5.57E-01 | 1.18E-02 | 1.81E-01 | 0.00E+00 | 1.25E-01 | 0.00E+00 | 5.07E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E-06 | 2.90E-02 | 1.07E-03 |
| **Output Flows and Waste Categories** | | | | | | | | | | | | | | |
| HWD [kg] | 1.35E-05 | 2.48E-10 | 4.05E-06 | 0.00E+00 | 1.20E-03 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-13 | 2.73E-10 | 2.15E-10 |
| NHWD [kg] | 1.65E+00 | 7.50E-03 | 9.25E+00 | 0.00E+00 | 4.36E-02 | 0.00E+00 | 2.46E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-06 | 1.39E+00 | 2.56E+01 |
| HLRW [kg] | 6.42E-05 | 2.93E-07 | 1.95E-05 | 0.00E+00 | 5.23E-07 | 0.00E+00 | 5.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-10 | 1.58E-07 | 1.06E-07 |
| ILLRW [kg] | 5.19E-02 | 2.47E-04 | 1.58E-02 | 0.00E+00 | 4.18E-04 | 0.00E+00 | 4.43E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-07 | 1.35E-04 | 9.52E-05 |
| CRU [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MR [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MER [kg] | 0.00E+00 | 0.00E+00 | 1.93E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.43E+00 | 0.00E+00 |
| EEE [MJ] | 0.00E+00 | 0.00E+00 | 5.50E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| EET [MJ] | 0.00E+00 | 0.00E+00 | 1.84E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

**Table 34: Resource use, waste, and output flow results for Corian® solid surface, per functional unit - 20% Recycled Content – 0.25 in**

| IMPACT CATEGORY | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Resource Use Indicators** | | | | | | | | | | | | | | |
| $RPR_E$ [MJ] | 4.23E+01 | 1.14E+00 | 1.33E+01 | 0.00E+00 | 3.36E+00 | 0.00E+00 | 3.72E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-04 | 1.48E-01 | 3.36E-01 |
| $RPR_M$ [MJ] | 1.19E+01 | 0.00E+00 | 3.56E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| $NRPR_E$ [MJ] | 3.94E+02 | 2.87E+01 | 1.30E+02 | 0.00E+00 | 1.27E+01 | 0.00E+00 | 3.63E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-02 | 2.57E+00 | 2.87E+00 |
| $NRPR_M$ [MJ] | 2.85E+02 | 0.00E+00 | 8.56E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.41E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| SM [kg] | 2.14E+00 | 0.00E+00 | 6.41E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| NRSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RE [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| FW [$m^3$] | 1.79E-01 | 3.92E-03 | 5.84E-02 | 0.00E+00 | 1.25E-01 | 0.00E+00 | 1.63E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-06 | 9.68E-03 | 3.56E-04 |
| **Output Flows and Waste Categories** | | | | | | | | | | | | | | |
| HWD [kg] | 4.08E-06 | 8.25E-11 | 1.22E-06 | 0.00E+00 | 1.20E-03 | 0.00E+00 | 3.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-14 | 9.11E-11 | 7.16E-11 |
| NHWD [kg] | 4.99E-01 | 2.50E-03 | 3.07E+00 | 0.00E+00 | 4.36E-02 | 0.00E+00 | 8.17E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-06 | 4.64E-01 | 8.54E+00 |
| HLRW [kg] | 2.08E-05 | 9.76E-08 | 6.36E-06 | 0.00E+00 | 5.23E-07 | 0.00E+00 | 1.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-11 | 5.28E-08 | 3.55E-08 |
| ILLRW [kg] | 1.69E-02 | 8.22E-05 | 5.16E-03 | 0.00E+00 | 4.18E-04 | 0.00E+00 | 1.44E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-08 | 4.50E-05 | 3.18E-05 |
| CRU [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MR [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MER [kg] | 0.00E+00 | 0.00E+00 | 6.43E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.14E+00 | 0.00E+00 |
| EEE [MJ] | 0.00E+00 | 0.00E+00 | 1.82E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| EET [MJ] | 0.00E+00 | 0.00E+00 | 6.05E-02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

**Table 35: Resource use, waste, and output flow results for Corian® solid surface, per functional unit - 20% Recycled Content – 0.5 in**

| IMPACT CATEGORY | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Resource Use Indicators** | | | | | | | | | | | | | | |
| $RPR_E$ [MJ] | 8.46E+01 | 2.29E+00 | 2.65E+01 | 0.00E+00 | 3.36E+00 | 0.00E+00 | 7.43E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.63E-04 | 2.95E-01 | 6.72E-01 |
| $RPR_M$ [MJ] | 2.38E+01 | 0.00E+00 | 7.15E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| $NRPR_E$ [MJ] | 7.88E+02 | 5.75E+01 | 2.59E+02 | 0.00E+00 | 1.27E+01 | 0.00E+00 | 7.25E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.42E-02 | 5.15E+00 | 5.74E+00 |
| $NRPR_M$ [MJ] | 5.71E+02 | 0.00E+00 | 1.71E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.82E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| SM [kg] | 4.28E+00 | 0.00E+00 | 1.28E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| NRSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RE [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| FW [$m^3$] | 3.57E-01 | 7.85E-03 | 1.16E-01 | 0.00E+00 | 1.25E-01 | 0.00E+00 | 3.26E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-06 | 1.94E-02 | 7.12E-04 |
| **Output Flows and Waste Categories** | | | | | | | | | | | | | | |
| HWD [kg] | 8.33E-06 | 1.65E-10 | 2.50E-06 | 0.00E+00 | 1.20E-03 | 0.00E+00 | 7.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.95E-14 | 1.82E-10 | 1.43E-10 |
| NHWD [kg] | 1.05E+00 | 5.00E-03 | 6.15E+00 | 0.00E+00 | 4.36E-02 | 0.00E+00 | 1.64E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-06 | 9.28E-01 | 1.71E+01 |
| HLRW [kg] | 4.17E-05 | 1.96E-07 | 1.27E-05 | 0.00E+00 | 5.23E-07 | 0.00E+00 | 3.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.22E-11 | 1.06E-07 | 7.10E-08 |
| ILLRW [kg] | 3.38E-02 | 1.65E-04 | 1.03E-02 | 0.00E+00 | 4.18E-04 | 0.00E+00 | 2.89E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-08 | 8.99E-05 | 6.35E-05 |
| CRU [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MR [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MER [kg] | 0.00E+00 | 0.00E+00 | 1.29E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E+00 | 0.00E+00 |
| EEE [MJ] | 0.00E+00 | 0.00E+00 | 3.66E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| EET [MJ] | 0.00E+00 | 0.00E+00 | 1.22E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.93E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

**Table 36: Resource use, waste, and output flow results for Corian® solid surface, per functional unit - 20% Recycled Content – 0.75 in**

| IMPACT CATEGORY | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Resource Use Indicators** | | | | | | | | | | | | | | |
| $RPR_E$ [MJ] | 1.27E+02 | 3.43E+00 | 3.97E+01 | 0.00E+00 | 3.36E+00 | 0.00E+00 | 1.11E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-03 | 4.43E-01 | 1.01E+00 |
| $RPR_M$ [MJ] | 3.57E+01 | 0.00E+00 | 1.07E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| $NRPR_E$ [MJ] | 1.18E+03 | 8.62E+01 | 3.88E+02 | 0.00E+00 | 1.27E+01 | 0.00E+00 | 1.09E+04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-02 | 7.71E+00 | 8.61E+00 |
| $NRPR_M$ [MJ] | 8.56E+02 | 0.00E+00 | 2.57E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.24E+03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| SM [kg] | 6.42E+00 | 0.00E+00 | 1.93E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| NRSF [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RE [MJ] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| FW [$m^3$] | 5.36E-01 | 1.18E-02 | 1.74E-01 | 0.00E+00 | 1.25E-01 | 0.00E+00 | 4.89E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E-06 | 2.90E-02 | 1.07E-03 |
| **Output Flows and Waste Categories** | | | | | | | | | | | | | | |
| HWD [kg] | 1.24E-05 | 2.48E-10 | 3.72E-06 | 0.00E+00 | 1.20E-03 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-13 | 2.73E-10 | 2.15E-10 |
| NHWD [kg] | 1.55E+00 | 7.50E-03 | 9.22E+00 | 0.00E+00 | 4.36E-02 | 0.00E+00 | 2.45E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-06 | 1.39E+00 | 2.56E+01 |
| HLRW [kg] | 6.25E-05 | 2.93E-07 | 1.90E-05 | 0.00E+00 | 5.23E-07 | 0.00E+00 | 5.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-10 | 1.58E-07 | 1.06E-07 |
| ILLRW [kg] | 5.07E-02 | 2.47E-04 | 1.54E-02 | 0.00E+00 | 4.18E-04 | 0.00E+00 | 4.33E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-07 | 1.35E-04 | 9.52E-05 |
| CRU [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MR [kg] | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MER [kg] | 0.00E+00 | 0.00E+00 | 1.93E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.43E+00 | 0.00E+00 |
| EEE [MJ] | 0.00E+00 | 0.00E+00 | 5.50E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| EET [MJ] | 0.00E+00 | 0.00E+00 | 1.84E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

## 5. LCA Interpretation

Over the 75-year life of a building, the greatest contributor to GWP for DuPont's countertop products is replacements (B4). This is mainly because 6.5 replacements are needed to cover the 75 years (ESL) lifetime of the building for these products that have a lifetime (RSL) of 10 years. This is followed by raw material sourcing and extraction (A1-A3).

For the solid surface product, most raw material GWP impacts (A1-A3) come from alumina trihydrate (21%) and methyl methacrylate (49%). Process steam contributes about 16% to A1-A3 impacts. Electricity and natural gas contribute about 5% each to A1-A3 impacts.

The installation is 3-5% of life cycle GWP, while replacements accounts for 86% of life cycle GWP.

## 6. Additional Environmental Information

### 6.1. Environment and Health During Manufacturing

DuPont meets all federal and state standards related to the Environment and Health during manufacturing. Beyond what is regulated, there are no additional environment and health considerations during the production of goods. Substances that are characterized as hazardous according to Globally Harmonized System are not cut off from the study.

### 6.2. Environment and Health During Installation

The installation instruction that can be found on DuPont's website should be referred to and followed to have proper and safe installation.

### 6.3. Extraordinary Effects

**Fire**

Information on Corian® solid surface fire performance and ratings are available at: https://www.corian.kr/IMG/pdf/k-28300_fireperformance_en.pdf.

**Water**

Should the product become flooded, the water should be removed through means of extraction and drying and the product should behave as originally intended. There are no environmental impacts associated with the product being flooded.

**Mechanical Destruction**

If the product is mechanically destroyed, it should be disposed of using standard procedures and replaced promptly.

### 6.4. Delayed Emissions

Corian® Solid Surface is GREENGUARD and GREENGUARD Gold Certified as a low-emitting material. Certifications can be found on our website.

### 6.5. Environmental Activities and Certifications

Corian® solid surfaces: Corian® is available in a vast range of trendsetting patterns and tones, as well as your own custom-designed colors. In baths and kitchens and beyond, throughout homes and hospitals, restaurants, and public spaces, Corian® solid surfaces deliver high performance and outstanding aesthetics. Corian® continues to evolve and to inspire unprecedented creative flights of design fancy, combined with functionality. From meeting the certification standards of UL Environment for GREENGUARD and GREENGUARD GOLD to the aesthetics being certified by Scientific Certification Systems (SCS) for recycled acrylic resin content, Corian® Design solid surfaces give more sustainable design options. Builders who use “Home Innovation NGBS Green Certified” Corian® products can earn points toward certification to the National Green Building Standard™. Corian® may help contribute to U.S. Green Building Council (USGBC) LEED® points. Corian® is NSF/ANSI Standard 51 Certified for the strictest level – Food Zone.

### 6.6. Further Information

Additional information, including product details and company information, can be found at www.dupont.com.

## 7. Acronyms

**Table 37: LCIA Indicators**

| ABBREVIATION | PARAMETER | UNIT |
|---|---|---|
| | **TRACI 2.1** | |
| AP | Acidification potential of soil and water | kg $SO_2$ eq |
| EP | Eutrophication potential | kg N eq |
| GWP | Global warming potential (100 years, includes biogenic $CO_2$) | kg $CO_2$ eq |
| ODP | Depletion of stratospheric ozone layer | kg CFC 11 eq |
| ADPF | Depletion of non-renewable fossil fuels | MJ, surplus energy |
| SFP | Smog formation potential | kg $O_3$ eq |
| | **IPCC AR5** | |
| IPCC AR5 GWP | Global warming potential (100 years, includes biogenic $CO_2$) | kg $CO_2$ eq |

**Table 38: Biogenic Carbon Indicators**

| ABBREVIATION | PARAMETER | UNIT |
|---|---|---|
| BCRP | Biogenic Carbon Removal from Product | [kg $CO_2$] |
| BCEP | Biogenic Carbon Emission from Product | [kg $CO_2$] |
| BCRK | Biogenic Carbon Removal from Packaging | [kg $CO_2$] |
| BCEK | Biogenic Carbon Emission from Packaging | [kg $CO_2$] |
| BCEW | Biogenic Carbon Emission from Combustion of Waste from Renewable Sources Used in Production Processes | [kg $CO_2$] |
| CCE | Calcination Carbon Emissions | [kg $CO_2$] |
| CCR | Carbonation Carbon Removals | [kg $CO_2$] |
| CWNR | Carbon Emissions from Combustion of Waste from Non-Renewable Sources used in Production Processes | [kg $CO_2$] |

**Table 39: Resource Use, Waste, and Output Flow Indicators**

| ABBREVIATION | PARAMETER | UNIT |
|---|---|---|
| | **Resource Use Parameters** | |
| $RPR_E$ | Use of renewable primary energy excluding renewable primary energy resources used as raw materials | MJ, net calorific value (LHV) |
| $RPR_M$ | Use of renewable primary energy resources used as raw materials | MJ, net calorific value |
| $NRPR_E$ | Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials | MJ, net calorific value |
| $NRPR_M$ | Use of non-renewable primary energy resources used as raw materials | MJ, net calorific value |
| SM | Use of secondary materials | kg |
| RSF | Use of renewable secondary fuels | MJ, net calorific value |
| NRSF | Use of non-renewable secondary fuels | MJ, net calorific value |
| RE | Recovered energy | MJ, net calorific value |
| FW | Net use of fresh water | $m^3$ |
| | **Waste Parameters and Output Flows** | |
| HWD | Disposed-of-hazardous waste | kg |
| NHWD | Disposed-of non-hazardous waste | kg |
| HLRW | High-level radioactive waste, conditioned, to final repository | kg |
| ILLRW | Intermediate- and low-level radioactive waste, conditioned, to final repository | kg |
| CRU | Components for reuse | kg |
| MR | Materials for recycling | kg |
| MER | Materials for energy recovery | kg |
| EEE | Exported electrical energy | MJ |
| EET | Exported thermal energy | MJ |

## 8. References

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