

# ENVIRONMENTAL PRODUCT DECLARATION

IN ACCORDANCE WITH ISO 14025:2006 AND ISO 21930:2017

SmartEPD-2026-113-1061-01

## Interface AMS - Carpet on CQuest™Bio X Backing with 100% Recycled PA6 Yarn



FLOR



|                       |                    |                      |
|-----------------------|--------------------|----------------------|
| <b>Date of Issue:</b> | <b>Expiration:</b> | <b>Last updated:</b> |
| Sep 09, 2026          | Sep 09, 2031       | Sep 09, 2026         |

Refer to the EPD Library at [www.smartepd.com](http://www.smartepd.com) for the latest EPD listing information



General Information

Interface, Inc.

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interface.com



|                             |                                                                            |
|-----------------------------|----------------------------------------------------------------------------|
| Product Name:               | Interface AMS - Carpet on CQuest™Bio X Backing with 100% Recycled PA6 Yarn |
| Functional Unit:            | 1 m2                                                                       |
| Declaration Number:         | SmartEPD-2026-113-1061-01                                                  |
| Date of Issue:              | September 09, 2026                                                         |
| Expiration:                 | September 09, 2031                                                         |
| Last updated:               | September 09, 2026                                                         |
| EPD Scope:                  | Cradle to grave<br>A1 - A3, A4, A5, B1 - B7, C1 - C4, D                    |
| Market(s) of Applicability: | North America, Brazil                                                      |

General Organization Information

Interface is a global flooring manufacturing company committed to the goal of sustainability and conducting business in ways that minimize the impact on the environment while enhancing shareholder value. As part of this commitment, Interface provides public disclosure of product environmental impacts through Environmental Product Declaration (EPDs). Interface first published EPDs in 2009.

Limitations, Liability and Ownership

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. Full conformance with a PCR allows EPD comparability only when all stages of a life cycle have been considered. However, variations and deviations are possible". Example of variations: Different LCA software and background LCI datasets may lead to differences results for upstream or downstream of the life cycle stages declared.

Liability and Ownership: Interface is the owner of this EPD and is responsible for the accuracy of the data.

Reference Standards

Standard(s): ISO 14025:2006 and ISO 21930:2017

|                                |                                                                                                                                            |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Core PCR:                      | UL Part A PCR for Building-Related Products and Services v.4                                                                               |
|                                | Date of issue: March 01, 2022                                                                                                              |
| Sub-category PCR:              | UL Part B: Flooring v.2                                                                                                                    |
|                                | Date of issue: September 28, 2018                                                                                                          |
|                                | Valid until: September 30, 2026                                                                                                            |
| Sub-category PCR review panel: |  Contact Smart EPD for more information.                  |
| General Program Instructions:  |  Smart EPD General Program Instructions v.2.0, March 2025 |

Verification Information

|                       |                                                                                                                                                                                                                          |                     |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| LCA Author/Creator:   |  Kristen Wilder & Gydo Kersbergen                                                                                                       |                     |
|                       |  Interface                                                                                                                              |                     |
|                       |  kristen.wilder@interface.com                                                                                                           |                     |
| EPD Program Operator: |  Smart EPD                                                                                                                              |                     |
|                       |  info@smartepd.com                                                                                                                      |                     |
|                       |  www.smartepd.com                                                                                                                       |                     |
|                       |  585 Grove St., Ste. 145, Herndon, VA 20170, USA                                                                                        |                     |
| Verification:         | Independent critical review of the LCA and data, according to ISO 14044 and ISO 14071:                                                                                                                                   | <div>External</div> |
|                       |  Thomas P Gloria    Industrial Ecology Consultants |                     |
|                       |  t.gloria@industrial-ecology.com                                                                                                      |                     |
|                       | Independent external verification of EPD, according to ISO 14025 and reference PCR(s):                                                                                                                                   | <div>External</div> |
|                       |  Thomas P Gloria    Industrial Ecology Consultants |                     |
|                       |  t.gloria@industrial-ecology.com                                                                                                      |                     |

Product Information

|                             |                                                                                                                                                                                                                                |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Functional Unit:            | 1 m2                                                                                                                                                                                                                           |
| Mass:                       | 3.2 kg                                                                                                                                                                                                                         |
| Reference Service Life:     | 15 Years                                                                                                                                                                                                                       |
| Product Specificity:        | <div> Product Average</div> <div> Product Specific</div> |
| Supply Chain Specific Data: | 56 %                                                                                                                                                                                                                           |

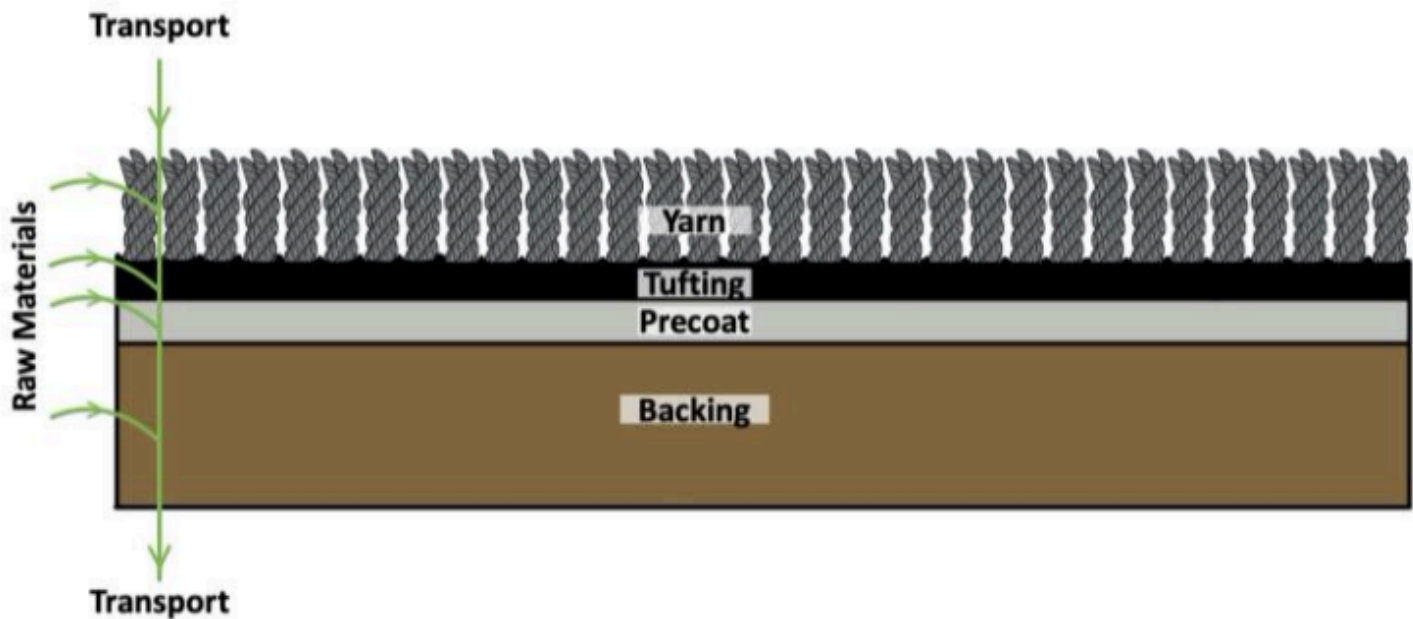
Product Description

This Environmental Product Declaration covers all styles and patterns of modular flooring on CQuest™Bio X backing with 100% Recycled PA6 yarn. CQuest™Bio X backing is a non-vinyl bio-composite backing made with 74% USDA-certified bio-based materials as well as recycled and captured carbon materials. The products are manufactured in LaGrange, Georgia, USA. A medium yarn weight of 678 grams per square meter is reported and the Global Warming Potential for all additional manufactured yarn weights are provided in the additional information section.

Product Specifications

|                                                 |                                                                                                                                                                                  |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product SKU(s):                                 | NA                                                                                                                                                                               |
| Product Classification Codes:                   | UNSPSC - 301617                                                                                                                                                                  |
| Flooring type:                                  | Carpet Tile                                                                                                                                                                      |
| Product thickness:                              | Variable mm                                                                                                                                                                      |
| Product weight:                                 | 3200 g/m2                                                                                                                                                                        |
| Recycled content:                               | 41 %                                                                                                                                                                             |
| Material composition:                           | The product is produced through tufting nylon yarn into a primary fleece then adhering the yarn and nonwoven fleece to a backing for added dimensional stability and modularity. |
| Material composition of primary backing type:   | Polyester                                                                                                                                                                        |
| Material composition of secondary backing type: | Interface AMS CQuest™Bio X is a non-vinyl bio-composite backing made with recycled inorganic filler, bio-resin, and carbon-captured materials.                                   |
| CRI rating:                                     | 3.5 Severe                                                                                                                                                                       |
| Surface pile weight:                            | 678 g/m2                                                                                                                                                                         |

Product Composition Diagram



Material Composition

| Material/Component Category | Origin | % Mass |
|-----------------------------|--------|--------|
| 100% Recycled PA6 Yarn      | USA    | 21     |
| Tufting Primary             | USA    | 3      |
| Precoat                     | USA    | 8      |

| Material/Component Category | Origin | % Mass |
|-----------------------------|--------|--------|
| Stabilisation Layer         | USA    | 2      |
| CQuest™Bio Compound         | USA    | 66     |

| Packaging Material | Origin | kg Mass |
|--------------------|--------|---------|
| Carboard           | USA    | 0.11    |
| PE                 | USA    | 0.0015  |

| Biogenic Carbon Content                           | kg C per m2 |
|---------------------------------------------------|-------------|
| Biogenic carbon content in product                | 1.34        |
| Biogenic carbon content in accompanying packaging | 0.05        |

| Hazardous Materials                                                          |
|------------------------------------------------------------------------------|
| No regulated hazardous or dangerous substances are included in this product. |

## EPD Data Specificity

|                            |                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------|
| Primary Data Year:         | 2025                                                                                           |
| Manufacturing Specificity: | <div>✗ Industry Average</div> <div>✗ Manufacturer Average</div> <div>✓ Facility Specific</div> |

Averaging:  
Averaging was not conducted for this EPD.

## System Boundary

|              |    |                     |   |
|--------------|----|---------------------|---|
| Production   | A1 | Raw material supply | ✓ |
|              | A2 | Transport           | ✓ |
|              | A3 | Manufacturing       | ✓ |
| Construction | A4 | Transport to site   | ✓ |
|              | A5 | Assembly / Install  | ✓ |

|                                         |    |                                     |   |
|-----------------------------------------|----|-------------------------------------|---|
| Use                                     | B1 | Use                                 | ✓ |
|                                         | B2 | Maintenance                         | ✓ |
|                                         | B3 | Repair                              | ✓ |
|                                         | B4 | Replacement                         | ✓ |
|                                         | B5 | Refurbishment                       | ✓ |
|                                         | B6 | Operational Energy Use              | ✓ |
|                                         | B7 | Operational Water Use               | ✓ |
| End of Life                             | C1 | Deconstruction                      | ✓ |
|                                         | C2 | Transport                           | ✓ |
|                                         | C3 | Waste Processing                    | ✓ |
|                                         | C4 | Disposal                            | ✓ |
| Benefits & Loads Beyond System Boundary | D  | Recycling, Reuse Recovery Potential | ✓ |

Note:

ND = Module not declared

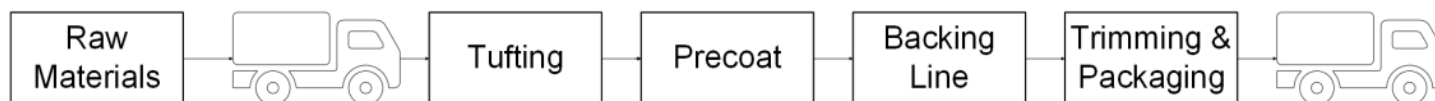
## Product Composition Diagram

|          | PRODUCT STAGE       |           |               | CONSTRUCTION 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          |
| EPD Type | X                   |           |               | X                           | X                | ND        | X           | ND     | ND          | ND            | ND                                                 | ND                                                | ND                | X         | X                | X        | X                                             |

## Plants

LaGrange 1503 Orchard Hill Rd, LaGrange, GA 30240, Verenigde Staten

## Product Flow Diagram



Interface AMS CQuest™Bio X modular carpet tile is manufactured in LaGrange Georgia, USA. The product is produced through tufting nylon yarn into a primary fleece then adhering the yarn and nonwoven fleece to a backing for added dimensional stability and modularity. The product is then cut into tiles and packaged, with a production waste factor of 2.7%.

## Software And Database

### LCA Software:

☰ Sphera LCA for Experts (formerly GaBi) v. 10.9

### LCI Foreground Database(s):

☰ Sphera Managed LCA Content (formerly GaBi Professional Database) v. 2025.1 | 📍 US

### LCI Background Database(s):

☰ Sphera Managed LCA Content (formerly GaBi Professional Database) v. 2025.1 | 📍 US

A foreground LCI database is the database used to model the primary, site-specific data collected for this EPD. A background LCI database is the database used to model generic or non-specific data.

## Data Quality

The data quality ranges from good to very good. The temporal quality of the data is very good with both the manufacturing specific data and the LCA FE background data being from 2025.

## Life Cycle Module Description

### A1–A3: Product Stage

- A1: Raw material extraction and processing, including recycled materials
- A2: Transport of raw and processed materials to manufacturing sites
- A3: Manufacturing at site, including materials, packaging, energy, and waste disposal or recycling. All energy purchased at manufacturing sites is allocated per square meter produced, including offices and warehouses. 100% renewable electricity and thermal energy credits are used for all sites. Waste factor in production. Rubber flooring involves compounding, pressing, vulcanisation, and packaging

### A4–A5: Construction Stage

- A4: Transport of finished product to building site
- A5: Installation includes ancillary materials (TacTiles™), trim waste disposal, and packaging waste. Assumed 2% installation waste for all flooring types. Installation waste sent to incineration or landfill, with energy recovery benefits accounted for in Module D.

### B1–B7: Use Stage

- B2: Maintenance effort declared for one year, repeated over the Reference Service Life (RSL). Cleaning includes daily vacuuming, biweekly wet extraction cleaning.
- Other Use Modules (B1, B3–B7): Not relevant or not declared for these flooring products

### C1–C4: End of Life

- C2: Transport of waste to local disposal using diesel truck datasets
- C3: Waste processing for reuse, recovery, or recycling
- C3/1: 100% scenario for incineration with Energy recovery processing which includes an incineration process with an R1-value >0.6
- C3/2: 100% scenario for waste processing through landfill
- C4: Disposal of post-consumer carpet tile, incineration without energy recovery or landfill
- C4/1: 100% scenario for disposal through the incineration with energy recover
- C4/2: 100% scenario for disposal through landfill

#### Module D: Benefits and Loads Beyond the System Boundary

- Two end-of-life scenarios are modelled, resulting in two Module D scenarios: Module D/1 and Module D/2
- In Module D/1, the avoided benefits and loads associated with 100% incineration with energy recovery scenario are calculated using RER: Electricity grid mix and RER: Process steam from natural gas as substituted energy sources
- In Module D/2, the avoided benefits and loads associated with 100% landfill scenario are set to zero, as the landfilling of plastics does not result in energy recovery.
- Both Module D scenarios include avoided benefits and loads from A5, these include recycling and incineration with energy recovery of packaging waste, as well as incineration with energy recovery of installation waste

## LCA Discussion

### Allocation Procedure

#### Co-product allocation:

No co-products are produced in the manufacturing process for Interface AMS CQuest™Bio X modular carpet tiles, so allocation between co-products is not required.

#### Recycled and secondary raw materials:

Allocation for recycled content (such as recycled nylon, recycled polyester) is performed according to the “cut-off” approach. Only the impacts from collection and processing of recycled materials up to their entry into the product system are included. No upstream burdens from previous product life cycles are assigned to the recycled content.

#### Energy, ancillary, and operating materials:

Energy, ancillary materials, and operating materials are allocated to individual products based on production volumes and process-specific consumption data. Where direct measurement is not possible, allocation is performed using mass or area-based proxies. In-plant waste is assigned to the product and not allocated to other products, as there are no co-products.

#### Factory-wide allocation:

For facilities producing multiple products, shared energy and utilities are allocated according to the proportion of production output (mass or area) attributable to each product. No credits are taken for recycling of production waste; all relevant impacts are assigned to the declared product.

### Cut-off Procedure

In the Life Cycle Assessment (LCA) for Interface AMS CQuest™Bio X, modular flooring product, cut-off criteria were rigorously applied to determine which material and energy flows should be included or excluded from the analysis. The objective was to ensure the study was both thorough and practical, focusing on flows that could meaningfully affect the environmental results.

The cut-off criteria were based on thresholds for mass and energy. Specifically:

- Any flow representing less than one percent of the total mass or energy for a given process could be excluded, provided it was not considered environmentally significant.
- If a flow met the exclusion threshold but was thought to have a notable environmental impact, it was included regardless of its size.
- The total sum of all excluded flows does not exceed five percent of the overall mass or energy for the product system.

In practice, this meant that all relevant flows—such as raw materials, processing, transportation, manufacturing, packaging, installation, maintenance, disposal, and recycling—were considered in the assessment. Flows that were excluded typically involved capital goods and equipment, or human labor and commuting, as these were not expected to contribute significantly to the results. Where specific data from suppliers was unavailable, conservative proxy datasets were used to ensure that any potentially important flows were still represented.

## Renewable Electricity

Energy Attribute Certificates (EACs) such as  
Renewable Energy Certificates (RECs) or Power

✓ Yes

Purchase Agreements (PPAs) are included in the  
baseline reported results:

|                                                             |              |
|-------------------------------------------------------------|--------------|
| Electricity Source:                                         | Offsite      |
| Renewable type(s):                                          | Wind, Solar  |
| Percent of EPD Owner's product-related electricity covered: | 100 %        |
| Commitment pledged for entire EPD validity period:          | ✓ Yes        |
| Electricity accounting methodology:                         | Market-based |

## Scenarios

### Transport to the building/construction site (A4)

#### A4 Module

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fuel Type:                             | Diesel mix                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Liters of Fuel:                        | 0.00661 l/100km                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Vehicle Type:                          | Truck                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Transport Distance:                    | 1452 km                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Capacity Utilization:                  | 85 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Packaging Mass:                        | 0.115 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gross density of products transported: | 502 kg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Capacity utilization volume factor:    | =1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Assumptions for scenario development:  | Transportation distance uses a standardized distance of 902 miles (1452 km). Transport is from the factory gate to the place of installation assuming a thickness of 6.37 mm and 0.025 kg diesel per 1452 km per kg of product. All values refer to the declared functional unit (1 m <sup>2</sup> ). Packaging waste and installation waste are considered in subsequent modules (A5, C1–C4). Preparation of the floor and auxiliaries (adhesives, fixing agents, PET connectors) are included. |

### Installation in to the building/construction site (A5)

#### A5 Module

|                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Installation Scrap Rate Assumed:                                  | 2 %                                                                                                                                                                                                                                                                                                                                                                                                              |
| Ancillary Materials:                                              | 0.00424 kg                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product Lost per Declared/Functional Unit:                        | 0.06 kg                                                                                                                                                                                                                                                                                                                                                                                                          |
| Waste Materials at the Construction Site Before Waste Processing: | 0.06 kg                                                                                                                                                                                                                                                                                                                                                                                                          |
| Mass of Packaging Waste Specified by Type:                        | 0.115 kg                                                                                                                                                                                                                                                                                                                                                                                                         |
| Biogenic Carbon Contained in Packaging (kg C):                    | 0.05 kg                                                                                                                                                                                                                                                                                                                                                                                                          |
| Assumptions for scenario development:                             | Interface AMS CQuest™Bio X modular carpet tile is recommended to be installed following the recommended guidelines, which are available online. In scenario development, we assume TacTiles™ are used as adhesive and packaging waste is split between landfill, recycling, and waste incineration based on regional statistics. Interface recommends cardboard packaging be sent to recycling, where available. |

## Maintenance (B2)

### B2 Module

|                                                                 |                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maintenance Cycle:                                              | 5490 Cycles/RSL<br>27450 Cycles/ESL                                                                                                                                                                                                                                                 |
| Net Fresh Water Consumption Specified by Water Source and Fate: | 0.00193 m3                                                                                                                                                                                                                                                                          |
| Ancillary Materials Specified by Type:                          | 0.00682 kg                                                                                                                                                                                                                                                                          |
| Energy Input:                                                   | 0.45 kWh                                                                                                                                                                                                                                                                            |
| Maintenance Process Information:                                | See Interface Maintenance Guide for details ( <a href="https://www.interface.com/">https://www.interface.com/</a> ). Ancillary Materials include soap for extraction cleaning. This scenario is based on vacuum cleaning 7 times a week and wet extraction cleaning 2 times a year. |
| Further assumptions for scenario development:                   | Service life depends on correct installation, use class (33, Heavy Commercial), and adherence to cleaning instructions. ESL for a building is set to 75 years.                                                                                                                      |

## End of Life (C1 - C4)

### C1 - C4 Modules

#### C3/1 & C4/1: 100% Energy Recovery

##### Collection Process

|                       |         |
|-----------------------|---------|
| Collected Separately: | 3.20 kg |
|-----------------------|---------|

##### Recovery

|                                    |         |
|------------------------------------|---------|
| Incineration with Energy Recovery: | 3.20 kg |
|------------------------------------|---------|

##### Assumptions for scenario development:

C3/1 – Waste processing (incineration with energy recovery end-of-life): Waste processing by incineration with energy recovery; 100% of the waste mass is treated by incineration in an installation with an R1-value > 0.6. C4/1 – Waste disposal (incineration with energy recovery end-of-life): Final disposal of 100% of the incineration residues in accordance with current disposal practices.

#### C3/2 & C4/2: 100% Landfill

##### Collection Process

|                       |         |
|-----------------------|---------|
| Collected Separately: | 3.20 kg |
|-----------------------|---------|

##### Recovery

|           |         |
|-----------|---------|
| Landfill: | 3.20 kg |
|-----------|---------|

##### Disposal

|                                         |         |
|-----------------------------------------|---------|
| Product or Material for Final Disposal: | 3.20 kg |
|-----------------------------------------|---------|

##### Assumptions for scenario development:

C3/2 – Waste processing (landfill end-of-life): No waste processing is assumed; 100% of the waste mass is sent directly to landfill as the end-of-life scenario. C4/2 – Waste disposal (landfill end-of-life): Final disposal of 100% of the waste mass through landfilling, including landfill operation and management, in accordance with current disposal practices. Deconstruction: The modular aspect of the product along with Tactile installation as opposed to glue-down methods allows for easy reuse of the product. All products are designed for modular removal, typically done manually, with minimal environmental impact. Collection: Products can be collected separately or with mixed construction waste, depending on local practices and regulations. Recovery & Recycling: Interface intends for products to be recycled through the ReEntry program. For more information please visit: <https://www.interface.com/US/en->

US/sustainability/recycling.html Disposal: If not recycled, products are disposed of in landfill or incineration facilities, following local regulations. End of Life Scenarios are representative of national statistics. Transport: Typical transport distances 32 km.

Reuse, Recovery and / or Recycling Potentials & Relevant Scenario Information (D)

D Module

|                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Net Energy Benefit from Energy Recovery from Waste Treatment Declared as Export Energy in C3:       | 5.43 MJ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Net Energy Benefit from Thermal Energy Due to Treatment of Waste Declared as Exported Energy in C4: | 10.2 MJ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Process and Conversion Efficiencies:                                                                | The assumed scenario in Module D/1 represents 100% incineration with energy recovery processing including an efficiency rate with an R1-value >0.6 In Module D/2, the avoided benefits and loads associated with 100% landfill scenario are set to zero, as the landfilling of plastics does not result in energy recovery. However, both Module D/1 and Module D/2 scenarios account for avoided benefits and loads from A5, which include recycling, incineration with energy recovery of packaging waste, and incineration with energy recovery of installation waste                                                          |
| Further assumptions for scenario development:                                                       | The end-of-life scenarios modeled in Module C and Module D are based on national statistics for flooring to represent real-world scenarios. Interface intends for its products to be recycled or reused at end-of-life. At the end-of-life the product should be returned to Interface through Interface's ReEntry process. For more information visit: <a href="https://www.interface.com/US/en-US/sustainability/recycling.html">https://www.interface.com/US/en-US/sustainability/recycling.html</a> Disposal in municipal landfill or commercial incineration facilities is permissible in accordance with local regulations. |

## Results

### Environmental Impact Assessment Results

EF3.1, IPCC AR6 GWP 100, TRACI 2.2, CML 2016 v4.8

per 1 m2 of product.

LCIA results are relative expressions and do not predict impacts on category endpoints, the exceeding of thresholds, safety margins or risks.

| Impact Category     | Unit                    | Method | A1 - A3  | A4       | A5       | B1 | B2       | B3 | B4 | B5 | B6 | B7 | C1 | C2       | C3/1     | C3/2 | C4/1 | C4/2     | D/1       | D/2       | D/3 |
|---------------------|-------------------------|--------|----------|----------|----------|----|----------|----|----|----|----|----|----|----------|----------|------|------|----------|-----------|-----------|-----|
| GWP- total          | kg CO2 eq               | EF3.1  | -8.96e-1 | 3.10e-1  | 3.03e-1  | ND | 3.91e-1  | ND | ND | ND | ND | ND | ND | 6.60e-3  | 8.87e+0  | 0    | 0    | 4.92e+0  | -1.17e+0  | -8.29e-2  | ND  |
| GWP- fossil         | kg CO2 eq               | EF3.1  | 4.16e+0  | 3.06e-1  | 1.11e-1  | ND | 3.91e-1  | ND | ND | ND | ND | ND | ND | 6.52e-3  | 4.05e+0  | 0    | 0    | 9.67e-2  | -1.17e+0  | -8.23e-2  | ND  |
| GWP-biogenic        | kg CO2 eq               | EF3.1  | -5.07e+0 | 5.75e-4  | 1.92e-1  | ND | 2.63e-5  | ND | ND | ND | ND | ND | ND | 1.23e-5  | 4.82e+0  | 0    | 0    | 4.82e+0  | 0         | 0         | ND  |
| GWP-luluc           | kg CO2 eq               | EF3.1  | 1.40e-2  | 3.23e-3  | 2.89e-4  | ND | 3.95e-4  | ND | ND | ND | ND | ND | ND | 6.89e-5  | 4.02e-4  | 0    | 0    | 2.65e-4  | -1.91e-3  | -5.92e-4  | ND  |
| ODP                 | kg CFC11 eq             | EF3.1  | 4.19e-7  | 5.21e-14 | 8.38e-9  | ND | 1.49e-9  | ND | ND | ND | ND | ND | ND | 1.11e-15 | 7.39e-13 | 0    | 0    | 3.30e-13 | -9.26e-12 | -2.74e-13 | ND  |
| AP                  | mol H+ eq               | EF3.1  | 2.99e-2  | 1.85e-3  | 6.97e-4  | ND | 8.17e-4  | ND | ND | ND | ND | ND | ND | 3.95e-5  | 2.16e-3  | 0    | 0    | 5.77e-4  | -1.47e-3  | -2.80e-4  | ND  |
| PM                  | disease incidence       | EF3.1  | 2.42e-7  | 1.21e-8  | 5.79e-9  | ND | 5.26e-9  | ND | ND | ND | ND | ND | ND | 2.58e-10 | 1.50e-8  | 0    | 0    | 5.93e-9  | -1.28e-8  | -3.07e-9  | ND  |
| IRP                 | kBq U235 eq             | EF3.1  | 2.58e-1  | 1.09e-3  | 5.97e-3  | ND | 3.05e-2  | ND | ND | ND | ND | ND | ND | 2.32e-5  | 1.21e-2  | 0    | 0    | 3.10e-3  | -2.16e-1  | -6.13e-3  | ND  |
| POCP                | kg NMVOC eq             | EF3.1  | 3.01e-2  | 1.71e-3  | 6.65e-4  | ND | 5.72e-4  | ND | ND | ND | ND | ND | ND | 3.63e-5  | 2.20e-3  | 0    | 0    | 3.95e-4  | -1.23e-3  | -2.58e-4  | ND  |
| EP-fw               | kg P eq                 | EF3.1  | 3.46e-4  | 8.47e-7  | 8.97e-6  | ND | 1.03e-7  | ND | ND | ND | ND | ND | ND | 1.80e-8  | 3.33e-7  | 0    | 0    | 5.40e-5  | -2.45e-6  | -1.57e-6  | ND  |
| EP-marine           | kg N eq                 | EF3.1  | 1.05e-2  | 9.13e-4  | 2.34e-4  | ND | 2.35e-4  | ND | ND | ND | ND | ND | ND | 1.94e-5  | 8.41e-4  | 0    | 0    | 1.25e-4  | -4.90e-4  | -1.36e-4  | ND  |
| EP-terrestrial      | mol N eq                | EF3.1  | 1.09e-1  | 9.91e-3  | 2.38e-3  | ND | 2.17e-3  | ND | ND | ND | ND | ND | ND | 2.11e-4  | 9.59e-3  | 0    | 0    | 1.36e-3  | -5.22e-3  | -1.26e-3  | ND  |
| SQI                 | dimensionless           | EF3.1  | 9.02e+2  | 1.78e+0  | 1.80e+1  | ND | 3.33e-1  | ND | ND | ND | ND | ND | ND | 3.79e-2  | 5.33e-1  | 0    | 0    | 2.48e-1  | -6.89e+0  | -3.66e+0  | ND  |
| WDP                 | m3 world eq deprived    | EF3.1  | 4.84e+0  | 1.44e-3  | 1.08e-1  | ND | 7.06e-2  | ND | ND | ND | ND | ND | ND | 3.06e-5  | 5.06e-1  | 0    | 0    | 1.19e-2  | -1.12e-1  | -1.21e-2  | ND  |
| ADP-fossil          | MJ, net calorific value | EF3.1  | 8.58e+1  | 4.03e+0  | 2.11e+0  | ND | 4.70e+0  | ND | ND | ND | ND | ND | ND | 8.58e-2  | 1.96e+0  | 0    | 0    | 1.60e+0  | -2.02e+1  | -1.21e+0  | ND  |
| ADP-minerals&metals | kg Sb eq                | EF3.1  | 8.90e-6  | 2.09e-8  | 1.80e-7  | ND | 1.16e-7  | ND | ND | ND | ND | ND | ND | 4.45e-10 | 9.70e-9  | 0    | 0    | 6.58e-9  | -1.40e-7  | -4.25e-8  | ND  |
| ETP-fwio            | CTUe                    | EF3.1  | 3.39e+1  | 2.92e+0  | 7.63e-1  | ND | 8.08e-1  | ND | ND | ND | ND | ND | ND | 6.23e-2  | 6.71e-1  | 0    | 0    | 1.06e+0  | -1.58e+0  | -2.43e-1  | ND  |
| ETP-fwo             | CTUe                    | EF3.1  | 9.33e+0  | 2.31e+0  | 2.46e-1  | ND | 2.27e-2  | ND | ND | ND | ND | ND | ND | 4.92e-2  | 3.64e-1  | 0    | 0    | 2.60e+0  | -3.94e-1  | -2.16e-1  | ND  |
| HTP-cio             | CTUh                    | EF3.1  | 1.36e-9  | 6.86e-11 | 2.97e-11 | ND | 1.79e-11 | ND | ND | ND | ND | ND | ND | 1.46e-12 | 4.62e-11 | 0    | 0    | 4.61e-11 | -3.89e-11 | -1.16e-11 | ND  |

Interface AMS - Carpet on CQuest™Bio X Backing with 100% Recycled PA6 Yarn  
Interface, Inc.



| Impact Category           | Unit         | Method           | A1 - A3  | A4       | A5       | B1 | B2       | B3 | B4 | B5 | B6 | B7 | C1 | C2       | C3/1     | C3/2 | C4/1 | C4/2     | D/1       | D/2       | D/3 |
|---------------------------|--------------|------------------|----------|----------|----------|----|----------|----|----|----|----|----|----|----------|----------|------|------|----------|-----------|-----------|-----|
| HTP-co                    | CTUh         | EF3.1            | 1.80e-9  | 2.12e-12 | 3.64e-11 | ND | 2.63e-11 | ND | ND | ND | ND | ND | ND | 4.51e-14 | 2.17e-11 | 0    | 0    | 4.31e-12 | -1.61e-10 | -4.76e-12 | ND  |
| HTP-ncio                  | CTUh         | EF3.1            | 1.14e-7  | 3.70e-9  | 2.31e-9  | ND | 4.83e-10 | ND | ND | ND | ND | ND | ND | 7.88e-11 | 5.16e-9  | 0    | 0    | 5.68e-10 | -3.82e-9  | -1.11e-9  | ND  |
| HTP-nco                   | CTUh         | EF3.1            | 2.17e-9  | 2.50e-10 | 7.95e-11 | ND | 5.11e-11 | ND | ND | ND | ND | ND | ND | 5.32e-12 | 7.94e-11 | 0    | 0    | 3.28e-10 | -2.06e-10 | -2.98e-11 | ND  |
| GWP-total (incl biogenic) | kg CO2 eq    | IPCC AR6 GWP 100 | -9.04e-1 | 3.10e-1  | 2.69e-2  | ND | 3.91e-1  | ND | ND | ND | ND | ND | ND | 6.60e-3  | 4.05e+0  | 0    | 0    | 9.70e-2  | -1.05e+0  | 5.32e-2   | ND  |
| GWP-fossil                | kg CO2 eq    | IPCC AR6 GWP 100 | 4.21e+0  | 3.07e-1  | 1.25e-1  | ND | 3.91e-1  | ND | ND | ND | ND | ND | ND | 6.53e-3  | 4.05e+0  | 0    | 0    | 9.70e-2  | -1.17e+0  | -8.26e-2  | ND  |
| GWP-biogenic              | kg CO2 eq    | IPCC AR6 GWP 100 | -5.13e+0 | -2.30e-4 | -9.84e-2 | ND | -3.95e-4 | ND | ND | ND | ND | ND | ND | 1.10e-6  | -4.02e-4 | 0    | 0    | -2.65e-4 | 0         | 0         | ND  |
| GWP-luluc                 | kg CO2 eq    | IPCC AR6 GWP 100 | 1.40e-2  | 3.23e-3  | 2.89e-4  | ND | 3.95e-4  | ND | ND | ND | ND | ND | ND | 6.89e-5  | 4.02e-4  | 0    | 0    | 2.65e-4  | -1.91e-3  | -5.92e-4  | ND  |
| ODP                       | kg CFC 11 eq | TRACI 2.2        | 2.19e-7  | 6.20e-14 | 4.39e-9  | ND | 2.12e-9  | ND | ND | ND | ND | ND | ND | 1.32e-15 | 8.55e-13 | 0    | 0    | 3.91e-13 | -1.09e-11 | -3.22e-13 | ND  |
| AP                        | kg SO2 eq    | TRACI 2.2        | 2.75e-2  | 1.70e-3  | 6.33e-4  | ND | 7.00e-4  | ND | ND | ND | ND | ND | ND | 3.63e-5  | 1.98e-3  | 0    | 0    | 4.91e-4  | -1.29e-3  | -2.43e-4  | ND  |
| EP-freshwater             | kg P eq      | TRACI 2.2        | 2.33e-4  | 3.82e-7  | 5.81e-6  | ND | 4.88e-8  | ND | ND | ND | ND | ND | ND | 8.14e-9  | 1.50e-7  | 0    | 0    | 2.93e-5  | -1.10e-6  | -7.06e-7  | ND  |
| EP-marine                 | kg N eq      | TRACI 2.2        | 1.45e-2  | 1.54e-3  | 3.20e-4  | ND | 3.40e-4  | ND | ND | ND | ND | ND | ND | 3.29e-5  | 1.47e-3  | 0    | 0    | 2.13e-4  | -7.58e-4  | -1.81e-4  | ND  |
| POCP                      | kg O3 eq     | TRACI 2.2        | 4.77e-1  | 3.77e-2  | 1.05e-2  | ND | 1.24e-2  | ND | ND | ND | ND | ND | ND | 8.04e-4  | 5.24e-2  | 0    | 0    | 7.68e-3  | -2.57e-2  | -5.46e-3  | ND  |
| ODP                       | kg CFC-11 eq | CML 2016 v4.8    | 4.22e-7  | 6.20e-14 | 8.45e-9  | ND | 1.95e-9  | ND | ND | ND | ND | ND | ND | 1.32e-15 | 8.55e-13 | 0    | 0    | 3.91e-13 | -1.09e-11 | -3.22e-13 | ND  |
| AP                        | kg SO2 eq    | CML 2016 v4.8    | 2.42e-2  | 1.26e-3  | 5.67e-4  | ND | 6.65e-4  | ND | ND | ND | ND | ND | ND | 2.68e-5  | 1.61e-3  | 0    | 0    | 4.79e-4  | -1.14e-3  | -1.97e-4  | ND  |
| EP                        | kg PO4 eq    | CML 2016 v4.8    | 9.11e-3  | 3.29e-4  | 2.29e-4  | ND | 1.74e-4  | ND | ND | ND | ND | ND | ND | 7.00e-6  | 3.02e-4  | 0    | 0    | 6.37e-4  | -2.23e-4  | -6.76e-5  | ND  |
| POCP                      | kg C2H4 eq   | CML 2016 v4.8    | 4.33e-3  | -4.79e-4 | 9.94e-5  | ND | 4.93e-5  | ND | ND | ND | ND | ND | ND | -1.02e-5 | 9.77e-5  | 0    | 0    | 4.20e-5  | -1.14e-4  | 7.18e-7   | ND  |
| ADP-fossil                | MJ           | CML 2016 v4.8    | 8.02e+1  | 4.00e+0  | 1.97e+0  | ND | 3.65e+0  | ND | ND | ND | ND | ND | ND | 8.53e-2  | 1.74e+0  | 0    | 0    | 1.54e+0  | -1.65e+1  | -1.09e+0  | ND  |

Note:

Not all abbreviated indicators listed below may be present in the results above. The inclusion of indicators varies based on PCR requirements.

Abbreviations:

GWP = Global Warming Potential, 100 years (may also be denoted as GWP-total, GWP-fossil (fossil fuels), GWP-biogenic (biogenic sources), GWP-luluc (land use and land use change)), ODP = Ozone Depletion Potential, AP = Acidification Potential, EP = Eutrophication Potential, SFP = Smog Formation Potential, POCP = Photochemical oxidant creation potential, ADP-Fossil = Abiotic depletion potential for fossil resources, ADP-Minerals&Metals = Abiotic depletion potential for non-fossil resources, WDP = Water deprivation potential, PM = Particular Matter Emissions, IRP = Ionizing radiation, human health, ETP-fw = Eco-toxicity (freshwater), HTP-c = Human toxicity (cancer), HTP-nc = Human toxicity (non-cancer), SQP = Soil quality index.

Discussion:

- The End of Life results for CQuest™BioX modular carpet tiles show that the product mass can be landfilled.
- The EPD provides one distinct scenarios, but in practice, the actual fate will depend on local waste management infrastructure and regulations.
- The product contains a high proportion of recycled content, which is positive for circularity, but the EPD does not quantify the environmental benefits of reuse or recycling.

Limitations:

- The EPD assumes 100% allocation to each EOL scenario for calculation purposes, which may not reflect real-world mixed disposal routes.

General Limitations Across All Products

- Scenario Modelling: EPDs typically model 100% allocation to each scenario (landfill, incineration, recycling), which simplifies calculations but does not reflect the mixed reality of waste management.
- Data Gaps: Some inventory categories (e.g., direct emissions, VOCs, energy conversion) are not fully quantified or are omitted.
- Regional Differences: Results are based on regional data (Europe, APAC, Korea) and may not be directly applicable to other locations.
- Uncertainty: Impact assessment methods (e.g., for toxicity, water depletion, microplastics) have high uncertainty and limited real-world validation.
- Comparability: EPDs from different programs or using different LCA software may not be directly comparable.

## Resource Use Indicator

per 1 m2 of product.

| Indicator | Unit | A1 - A3 | A4      | A5       | B1 | B2      | B3 | B4 | B5 | B6 | B7 | C1 | C2      | C3/1     | C3/2 | C4/1 | C4/2    | D/1      | D/2      | D/3 |
|-----------|------|---------|---------|----------|----|---------|----|----|----|----|----|----|---------|----------|------|------|---------|----------|----------|-----|
| PERE      | MJ   | 4.24e+1 | 3.03e-1 | 1.64e+1  | ND | 1.04e+0 | ND | ND | ND | ND | ND | ND | 6.46e-3 | 1.01e+2  | 0    | 0    | 2.67e-1 | -5.53e+0 | -2.00e-2 | ND  |
| PERM      | MJ   | 1.14e+2 | 0       | -1.33e+1 | ND | 0       | ND | ND | ND | ND | ND | ND | 0       | -1.00e+2 | 0    | 0    | 0       | -2.04e+0 | -2.04e+0 | ND  |
| PERT      | MJ   | 1.56e+2 | 3.03e-1 | 3.13e+0  | ND | 1.04e+0 | ND | ND | ND | ND | ND | ND | 6.46e-3 | 4.64e-1  | 0    | 0    | 2.67e-1 | -7.57e+0 | -2.06e+0 | ND  |
| PENRE     | MJ   | 2.88e+0 | 4.03e+0 | 1.06e+1  | ND | 4.70e+0 | ND | ND | ND | ND | ND | ND | 8.58e-2 | 6.77e+1  | 0    | 0    | 1.60e+0 | -1.91e+1 | -5.00e-2 | ND  |
| PENRM     | MJ   | 7.44e+1 | 0       | -8.70e+0 | ND | 0       | ND | ND | ND | ND | ND | ND | 0       | -6.57e+1 | 0    | 0    | 0       | -1.16e+0 | -1.16e+0 | ND  |
| PENRT     | MJ   | 7.73e+1 | 4.03e+0 | 1.94e+0  | ND | 4.70e+0 | ND | ND | ND | ND | ND | ND | 8.58e-2 | 1.96e+0  | 0    | 0    | 1.60e+0 | -2.02e+1 | -1.21e+0 | ND  |
| SM        | kg   | 1.32e+0 | 0       | 0        | ND | 0       | ND | ND | ND | ND | ND | ND | 0       | 0        | 0    | 0    | 0       | 0        | 0        | ND  |
| RSF       | MJ   | 0       | 0       | 0        | ND | 0       | ND | ND | ND | ND | ND | ND | 0       | 0        | 0    | 0    | 0       | 0        | 0        | ND  |
| NRSF      | MJ   | 0       | 0       | 0        | ND | 0       | ND | ND | ND | ND | ND | ND | 0       | 0        | 0    | 0    | 0       | 0        | 0        | ND  |
| FW        | m3   | 1.29e-1 | 1.50e-4 | 2.85e-3  | ND | 1.96e-3 | ND | ND | ND | ND | ND | ND | 3.19e-6 | 1.19e-2  | 0    | 0    | 3.49e-4 | -4.94e-3 | -6.48e-4 | ND  |
| RE        | MJ   | 0       | 0       | 2.36e-2  | ND | 0       | ND | ND | ND | ND | ND | ND | 0       | 1.29e+1  | 0    | 0    | 0       | 0        | 0        | ND  |

Note:

Not all abbreviated indicators listed below may be present in the results above. The inclusion of indicators varies based on PCR requirements.

Abbreviations:

RPRE or PERE = Renewable primary resources used as energy carrier (fuel), RPRM or PERM = Renewable primary resources with energy content used as material, RPRT or PERT = Total use of renewable primary resources with energy content, NRPRE or PENRE = Non-renewable primary resources used as an energy carrier (fuel), NRPRM or PENRM = Non-renewable primary resources with energy content used as material, NRPT or PENRT = Total non-renewable primary resources with energy content, SM = Secondary materials, RSF = Renewable secondary fuels, NRSF = Non-renewable secondary fuels, RE = Recovered energy, ADPF = Abiotic depletion potential, FW = Use of net freshwater resources, VOCs = Volatile Organic Compounds.

## Waste and Output Flow Indicators

per 1 m2 of product.

| Indicator | Unit | A1 - A3 | A4       | A5      | B1 | B2      | B3 | B4 | B5 | B6 | B7 | C1 | C2       | C3/1     | C3/2 | C4/1 | C4/2     | D/1      | D/2      | D/3 |
|-----------|------|---------|----------|---------|----|---------|----|----|----|----|----|----|----------|----------|------|------|----------|----------|----------|-----|
| HWD       | kg   | 1.32e-2 | 1.62e-10 | 2.65e-4 | ND | 2.11e-9 | ND | ND | ND | ND | ND | ND | 3.44e-12 | 9.17e-10 | 0    | 0    | 3.58e-10 | -2.52e-8 | -1.45e-8 | ND  |
| NHWD      | kg   | 4.57e-1 | 5.62e-4  | 9.36e-2 | ND | 1.82e-3 | ND | ND | ND | ND | ND | ND | 1.20e-5  | 5.53e-1  | 0    | 0    | 3.19e+0  | -1.13e-2 | -2.58e-3 | ND  |
| RWD       | kg   | 1.41e-3 | 7.60e-6  | 3.00e-5 | ND | 3.65e-4 | ND | ND | ND | ND | ND | ND | 1.62e-7  | 8.02e-5  | 0    | 0    | 2.31e-5  | -1.31e-3 | -3.74e-5 | ND  |
| CRU       | kg   | 0       | 0        | 0       | ND | 0       | ND | ND | ND | ND | ND | ND | 0        | 0        | 0    | 0    | 0        | 0        | 0        | ND  |
| MFR       | kg   | 0       | 0        | 8.79e-2 | ND | 0       | ND | ND | ND | ND | ND | ND | 0        | 0        | 0    | 0    | 0        | 0        | 0        | ND  |
| MER       | kg   | 0       | 0        | 0       | ND | 0       | ND | ND | ND | ND | ND | ND | 0        | 0        | 0    | 0    | 0        | 0        | 0        | ND  |
| EEE       | MJ   | 0       | 0        | 8.20e-3 | ND | 0       | ND | ND | ND | ND | ND | ND | 0        | 4.49e+0  | 0    | 0    | 0        | 0        | 0        | ND  |
| EET       | MJ   | 0       | 0        | 1.54e-2 | ND | 0       | ND | ND | ND | ND | ND | ND | 0        | 8.43e+0  | 0    | 0    | 0        | 0        | 0        | ND  |

Note:

Not all abbreviated indicators listed below may be present in the results above. The inclusion of indicators varies based on PCR requirements.

Abbreviations:

HWD = Hazardous waste disposed, NHWD = Non-hazardous waste disposed, RWD = Radioactive waste disposed, HLRW = High-level radioactive waste, ILLRW = Intermediate- and low-level radioactive waste, CRU = Components for re-use, MFR or MR = Materials for recycling, MER = Materials for energy recovery, MNER = Materials for incineration, no energy recovery, EE or EEE = Recovered energy exported from the product system, EET = Exported thermal energy.

Carbon Emissions and Removals

per 1 m2 of product.

| Indicator | Unit   | A1 - A3 | A4 | A5      | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3/1    | C3/2 | C4/1 | C4/2    | D/1 | D/2 | D/3 |
|-----------|--------|---------|----|---------|----|----|----|----|----|----|----|----|----|---------|------|------|---------|-----|-----|-----|
| BCRP      | kg CO2 | 4.92e+0 | 0  | 0       | ND | 0  | ND | ND | ND | ND | ND | ND | 0  | 0       | 0    | 0    | 0       | 0   | 0   | ND  |
| BCEP      | kg CO2 | 0       | 0  | 9.84e-2 | ND | 0  | ND | ND | ND | ND | ND | ND | 0  | 4.82e+0 | 0    | 0    | 4.82e+0 | 0   | 0   | ND  |
| BCRK      | kg CO2 | 1.78e-1 | 0  | 0       | ND | 0  | ND | ND | ND | ND | ND | ND | 0  | 0       | 0    | 0    | 0       | 0   | 0   | ND  |
| BCEK      | kg CO2 | 0       | 0  | 1.78e-1 | ND | 0  | ND | ND | ND | ND | ND | ND | 0  | 0       | 0    | 0    | 0       | 0   | 0   | ND  |

Note:

Not all abbreviated indicators listed below may be present in the results above. The inclusion of indicators varies based on PCR requirements.

Abbreviations:

BCRP = Biogenic Carbon Removal from Product, BCEP = Biogenic Carbon Emission from Product, BCRK = Biogenic Carbon Removal from Packaging, BCEK = Biogenic Carbon Emission from Packaging, BCEW = Biogenic Carbon Emission from Combustion of Waste from Renewable Sources Used in Production Processes, CCE = Calcination Carbon Emissions, CCR = Carbonation Carbon Removals, CWNR = Carbon Emissions from Combustion of Waste from Non-Renewable Sources used in Production Processes, GWP-luc = Carbon Emissions from Land-use Change.

## Interpretation

The life cycle impacts of modular carpets are driven by the Product Stage (A1-A3) and the impacts from this stage are driven by raw materials. Yarn and backing materials are the major contributors to impacts. The increased inclusion of biobased and recycled materials help in reducing the impacts as compared to virgin petrochemical-based materials. Interface is 'all in' on achieving its SBTi goal of being a carbon negative enterprise by 2040 and prioritizes product innovations that reduce impacts.





## Additional Environmental Information

For further information on certifications and documentation, please visit the Interface website at <https://www.interface.com/US/en-US/sustainability/certifications-documentation.html>

### GWP for additional yarn weights (EN15804+A2, EF3.1)

| oz/yd2 | g/m2 | GWP-total | GWP-fossil | GWP-biogenic | GWP-luluc |
|--------|------|-----------|------------|--------------|-----------|
| 11     | 373  | -1,37     | 3,64       | -5,02        | 0,01      |
| 12     | 407  | -1,32     | 3,7        | -5,03        | 0,01      |
| 13     | 441  | -1,27     | 3,75       | -5,03        | 0,01      |
| 14     | 475  | -1,21     | 3,81       | -5,04        | 0,01      |
| 15     | 509  | -1,16     | 3,87       | -5,04        | 0,01      |
| 16     | 542  | -1,11     | 3,92       | -5,05        | 0,01      |
| 17     | 576  | -1,06     | 3,98       | -5,05        | 0,01      |
| 18     | 610  | -1,01     | 4,04       | -5,06        | 0,01      |
| 19     | 644  | -0,95     | 4,1        | -5,06        | 0,01      |
| 20     | 678  | -0,9      | 4,15       | -5,07        | 0,01      |
| 21     | 712  | -0,85     | 4,21       | -5,08        | 0,01      |
| 22     | 746  | -0,8      | 4,27       | -5,08        | 0,01      |
| 23     | 780  | -0,75     | 4,32       | -5,09        | 0,01      |
| 24     | 814  | -0,69     | 4,38       | -5,09        | 0,01      |
| 25     | 848  | -0,64     | 4,44       | -5,1         | 0,01      |
| 26     | 881  | -0,59     | 4,5        | -5,1         | 0,02      |
| 27     | 915  | -0,54     | 4,55       | -5,11        | 0,02      |
| 28     | 949  | -0,49     | 4,61       | -5,11        | 0,02      |
| 29     | 983  | -0,44     | 4,67       | -5,12        | 0,02      |
| 30     | 1017 | -0,38     | 4,72       | -5,12        | 0,02      |

| oz/yd2 | g/m2 | GWP-total | GWP-fossil | GWP-biogenic | GWP-luluc |
|--------|------|-----------|------------|--------------|-----------|
| 31     | 1051 | -0,33     | 4,78       | -5,13        | 0,02      |
| 32     | 1085 | -0,28     | 4,84       | -5,13        | 0,02      |
| 33     | 1119 | -0,23     | 4,9        | -5,14        | 0,02      |
| 34     | 1153 | -0,18     | 4,95       | -5,14        | 0,02      |
| 35     | 1187 | -0,12     | 5,01       | -5,15        | 0,02      |

## References

ISO 14025 Environmental labels and declarations – Type III environmental declarations – Principles and procedures

ISO 14040 Environmental management – Life cycle assessment – Principles and framework

ISO 14044:2006 + Amendments Environmental management – Life cycle assessment – Requirements and guidelines

ISO 21930:2017 Sustainability in buildings and civil engineering works — Core rules for environmental product declarations of construction products and services

EN 15804:2019 + A2 Sustainability of construction works – Environmental product declarations – Core rules for the product category of construction products

EN ISO 23997 Specifies weight per unit area for flooring products

EN ISO 24346 Specifies thickness for flooring products

EN ISO 10874 Classification of floor coverings for heavy traffic areas

ISO 15686 Reference Service Life calculation (not applied for rubber flooring)

ISO/IEC 25010 Software Product Quality

ISO/IEC 27001 Information Security Management

OWASP SAMM Software Assurance Maturity Model

UL Environment Part A Life Cycle Assessment Calculation Rules and Report Requirements according to ISO 21930:2017, version 4.0

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