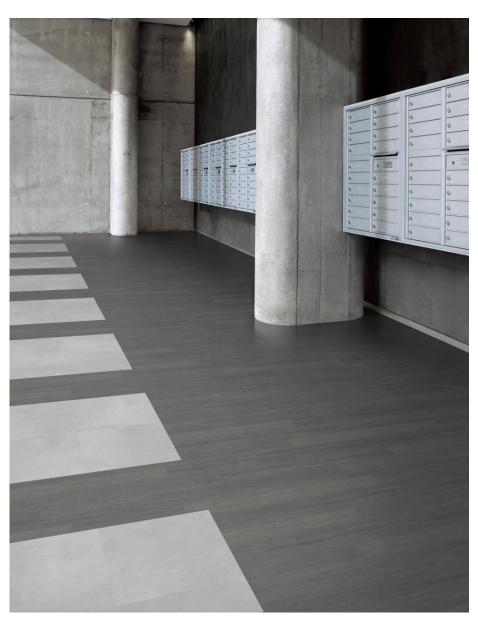
MODULAR RESILIENT FLOORING

INTERFACE, INC 3.0 MM LVT



3 MM LVT Luxury Vinyl Tile

Interface®

For more than four decades, Interface has consistently led the industry through design and innovation and is a world leader in environmental sustainability. We are committed to transparency and will continue to share our progress as we work to become a carbon negative company by 2040.

At Interface, we believe Life Cycle Assessment is critical for evaluating the environmental impacts of our products. The LCA-based Environmental Product Declaration is the best way to provide full disclosure of those impacts to our customers.

Interface was one of the first companies to develop EPDs for all of our products manufactured globally, and we are committed to providing this level of transparency to our customers, partners and the industry.

For more information visit www.interface.com



Interface®

CERTIFIED

ENVIRONMENTAL
PRODUCT DECLARATION
OLCOW/EPD

Interface, Inc. Modular Resilient Flooring 3.0 mm LVT

According to ISO 14025, EN 15804, and ISO21930:2017

| EPD PROGRAM AND PROGRAM OPERATOR NAME, ADDRESS, LOGO, AND WEBSITE | UL Environment 333 Pfingsten Road Northbr | ook, IL 60611 | https://www.ul.com/ https://spot.ul.com/ | |
|--|--|--|---|--|
| GENERAL PROGRAM INSTRUCTIONS AND VERSION NUMBER | General Program Instructions | s v2.5 March 2020 | · | |
| MANUFACTURER NAME AND ADDRESS | Interface, Inc.; Seoul, South I | Korea | | |
| DECLARATION NUMBER | | | | |
| DECLARED PRODUCT & FUNCTIONAL UNIT OR DECLARED UNIT | Interface modular resilient flo | oring, 3 mm LVT | | |
| REFERENCE PCR AND VERSION NUMBER | PCR Guidance for Building-R Calculation Rules and Repor December 2018 PCR Guidance for Building-R Requirements. 10010-7 Vers | t Requirements. 10010 Version Related Products and Service | s Part B: Flooring EPD | |
| DESCRIPTION OF PRODUCT APPLICATION/USE | Interface modular resilient flo | oring, 3 mm LVT | | |
| PRODUCT RSL DESCRIPTION (IF APPL.) | 15 years | | | |
| MARKETS OF APPLICABILITY | Global | | | |
| DATE OF ISSUE | 10/1/2021 | | | |
| PERIOD OF VALIDITY | | | | |
| EPD TYPE | Product specific | | | |
| RANGE OF DATASET VARIABILITY | Industry average | | | |
| EPD SCOPE | Cradle to gate with options | | | |
| YEAR(S) OF REPORTED PRIMARY DATA | 2020 | | | |
| LCA SOFTWARE & VERSION NUMBER | GaBi 10 | | | |
| LCI DATABASE(S) & VERSION NUMBER | GaBi 10.5.0.78 | | | |
| LCIA METHODOLOGY & VERSION NUMBER | TRACI 2.1/CML 4.2 | | | |
| | | UL Environment | | |
| The PCR review was conducted by: | | PCR Review Panel | | |
| | | epd@ulenvironment.com | | |
| This declaration was independently verified in acco | rdance with ISO 14025: 2006. | Thomas Sprin | | |
| ☐ INTERNAL ■ EXTERNAL | | Thomas P. Gloria, Industri | al Ecology Consultants | |
| This life cycle assessment was conducted in accord reference PCR by: | 1 | | | |
| | | Aidan Ganzert, Interface | | |
| This life cycle assessment was independently verifited and the reference PCR by: | ed in accordance with ISO | Thomas Sprin | | |
| | | Thomas P. Gloria, Industrial Ecology Consultants | | |

Interface®



Interface, Inc.
Modular Resilient Flooring
3 mm LVT

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

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.

Interface®



Interface, Inc.
Modular Resilient Flooring
3 mm LVT

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

1. Product Definition and Information

1.1. Description of Company/Organization

Interface, Inc. is a global flooring company specializing in carbon neutral carpet tile and resilient flooring, including luxury vinyl tile (LVT) and nora® rubber flooring. We help our customers create high-performance interior spaces that support well-being, productivity, and creativity, as well as the sustainability of the planet. Our mission, Climate Take Back™, invites you to join us as we commit to operating in a way that is restorative to the planet and creates a climate fit for life.

1.2. Product Description

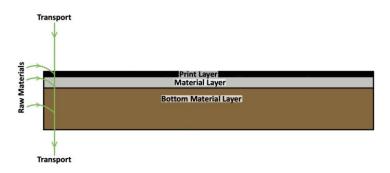
Product Identification

This Environmental Product Declaration covers all styles and patterns of 3 mm modular resilient flooring, LVT (Luxury Vinyl Tile). The products are manufactured in Seoul, South Korea.

Product Specification

CSI code: 09650

Flow Diagram



A1-A3 measured flows include manufacturing processes, transport, and raw material inputs for each product layer and sub-layers.

Product Average

The product average of 5610 grams per square meter was based on a sales weighted average.

1.3. Application

Application of product is intended for modular installation of resilient floor covering in commercial buildings.





Interface®



Interface, Inc.
Modular Resilient Flooring
3 mm LVT

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

1.4. Declaration of Methodological Framework

The data is retrieved from a cradle-to-grave LCA study.

This EPD covers the entire life cycle of the product from cradle to grave (modules A1 to D) excluding modules for which there are no inputs/outputs. No known flows are deliberately excluded from this EPD. The description of the study boundaries is declared in Section 2.2.

For this product, the stated RSL is 15 years. It should be noted, however, that the service life of vinyl flooring may vary depending on the amount and nature of floor traffic and the type and frequency of maintenance. The manufacturer has provided this service life on the basis of its experience of flooring manufacture and supply.

The description of study boundaries is declared in Table 7.

1.5. Technical Requirements

| Name | Value | Unit |
|-------------------|----------------------------|------|
| Product form | Tiles (squares and planks) | - |
| Product thickness | 3 | mm |
| Total weight | 5610 | g/m² |

ISO 10874 Classes 33/42



1.6. Material Composition

| Component | Value | Unit |
|--------------------------------|------------|------|
| Polyvinyl Chloride | 25-40 | % |
| Di(2-ethylhexyl) terephthalate | 9-18 | % |
| Recycled Limestone | Minimum 39 | % |
| Limestone | 11-23 | % |
| Stabilizer | <1 | % |
| Titanium dioxide | <1 | % |
| Carbon black | <1 | % |

LVT product is produced through hot mixing and a continuous lamination process with a printed design layer. The product is then cut into tiles and packaged.



Interface®



Interface, Inc.
Modular Resilient Flooring
3 mm LVT

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

1.7. Manufacturing

LVT is manufactured in Seoul, South Korea.

1.8. Packaging

Planks and tiles are packaged in cardboard boxes. Packaging waste should be reused or sent local cardboard recycling facilities.

1.9. Transportation

Delivery is represented as transport by truck over a distance of 500 miles (805 km), and additionally transport by ship over a distance of 4400 miles (7125km).

1.10. Product Installation

Product may be installed with adhesive. For full installation instructions, see the appropriate Interface Installation Guide via the website download.

1.11. Use

During the life of the product, it should be cleaned in accordance with the product maintenance instructions including dust and damp mop cleaning and buffing. The frequency is dependent upon the expected foot traffic and local conditions.

Product has low VOC emissions as indicated by compliance with FloorScore Flooring Products Certification Program for Indoor Air Quality and GreenGuard Gold certification.

1.12. Reference Service Life and Estimated Building Service Life

Reference service life (RSL) is 15 years based on product warranty. The Estimated Building Service Life (ESL) is 75 years.

1.13. Reuse, Recycling, and Energy Recovery

The modular aspect of the product allows for easy reuse of the product. The product is intended to be recycled through Interface's ReEntry process.

1.14. Disposal

At end of life the product should be returned to Interface through Interface's ReEntry process by contacting Interface at +1 888-733-6873. Disposal in municipal landfill or commercial incineration facilities is permissible in accordance with local regulations.



Interface[®]



Interface, Inc.
Modular Resilient Flooring
3 mm LVT

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

2. Life Cycle Assessment Background Information

2.1. Functional or Declared Unit

The functional unit is one square meter of floorcovering.

| Modular Resilient Flooring | Value | Unit |
|----------------------------|-------|--------|
| Declared unit | 1 | m^2 |
| Mass* | 5.6 | kg/ m² |

^{*}nominal value

2.2. System Boundary

The LCA is "cradle-to-gate with options" for one square meter of flooring. While the warranted service life is 15 years, modules **B1**, **B3**, **B4**, and **B5** are not declared, so the maintenance (**B2**) is represented for one year. The system boundaries include:

- A1 Raw material extraction and processing, and processing of recycled materials
- A2 Transport to the factory
- A3 Manufacturing including materials, packaging, energy, and waste disposal or recycling
- A4 Transport to installation sites (Asia, US, and Europe)
- A5 Installation including ancillary materials required for installation and trim-waste disposal
- Maintenance: Includes the energy for vacuuming, extraction cleaning, and the production and transport of cleaning agents. The treatment of the waste-water from extraction cleaning is included. This is for one year of use.
- C2 Transport of waste to local disposal
- C4 Disposal
- D Reuse, recovery and recycling potential

2.3. Estimates and Assumptions

The datasets for materials upstream from manufacturing are a combination of information from the GaBi database and supplier provided datasets. Inventories for all materials are not available. When unavailable, conservative proxy datasets were chosen based on similarity of material.

2.4. Cut-off Criteria

The cut-off criteria is less than 1% for energy use and less than 1% of total mass per unit process, the sum of which shall not exceed 5% of either energy or mass. If a flow met the cut-off criteria for exclusion, yet was thought to have significant environmental impact, then it was included.



Interface®



Interface, Inc.
Modular Resilient Flooring
3 mm LVT

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

2.5. Data Sources

The datasets for materials upstream from manufacturing are a combination of information from the GaBi database version 10.5.0.78 and supplier provided datasets.

2.6. 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 GaBi background data being from 2020.

2.7. Period Under Review

The data collection and the product described are an average product manufactured in 2020.

2.8. Allocation

Where relevant, the background data incorporates some allocation such as in the power mix. There are no co-products produced in the process, so the LCA model does not include allocation. No credits were taken for recycling of production waste.

3. Life Cycle Assessment Scenarios

Table 1. Transport to the building site (A4)

| Name | Value | Unit | | | |
|---|-------------|---------|--|--|--|
| Fuel type | Diesel | | | | |
| Liters of fuel | 0.040 | l/100km | | | |
| Vehicle type | Truck 34-40 | tons | | | |
| Transport distance (truck) | 805 | km | | | |
| Transport distance (ship) | 7125 | km | | | |
| Capacity utilization (including empty runs, mass based) | 85 | % | | | |
| Weight of products transported* | 3.2 | kg | | | |
| Volume of products transported* | 0.001 | m³ | | | |
| Capacity utilization volume factor | 1 | | | | |

^{*}nominal values



Interface®



Interface, Inc. Modular Resilient Flooring 3 mm LVT

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

Table 2. Installation into the building (A5)

| Name | Value | Unit |
|--|-------|--------------------|
| Ancillary materials | 0.107 | kg |
| Net freshwater consumption specified by water source and fate (amount evaporated, amount disposed to sewer) | - | m ³ |
| Other resources | - | kg |
| Electricity consumption | - | kWh |
| Other energy carriers | - | MJ |
| Product loss per functional unit | 0.07 | kg |
| Waste materials at the construction site before waste processing, generated by product installation | 0.16 | kg |
| Output materials resulting from on-site waste processing (specified by route; e.g. for recycling, energy recovery and/or disposal) | - | kg |
| Biogenic carbon contained in packaging | 0.1 | kg CO ₂ |
| Direct emissions to ambient air, soil and water | - | kg |
| VOC content | - | μg/m³ |

Table 3. Reference Service Life

| NAME | VALUE | Unit |
|------|-------|-------|
| RSL | 15 | years |



Interface®

CERTIFIED

ENVIRONMENTAL
PRODUCT DECLARATION
ULCOM/EPO

Interface, Inc. Modular Resilient Flooring 3 mm LVT

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

Table 4. Maintenance (B2)

| able 4. Maintenance (B2) | | | | | | | |
|---|-------|----------------|--|--|--|--|--|
| NAME | VALUE | Unit | | | | | |
| Maintenance values taken in reference to Interface's available <u>online</u> as a technical doc | | manual, | | | | | |
| Maintenance cycle per RSL | 15 | cycle(s)/ RSL | | | | | |
| Maintenance cycle per ESL | 75 | cycle(s)/ ESL | | | | | |
| Maintenance cycle | 1 | cycle(s)/ year | | | | | |
| Dust mop (dry) cleaning | 365 | cycle(s)/ year | | | | | |
| Dust mop (dry) cleaning per RSL | 5460 | cycle(s)/ RSL | | | | | |
| Damp mop with cleaner | 52 | cycle(s)/ year | | | | | |
| Damp mop with cleaner per RSL | 780 | cycle(s)/ RSL | | | | | |
| Buffing | 12 | cycle(s)/ year | | | | | |
| Buffing per RSL | 180 | cycle(s)/ RSL | | | | | |
| Net freshwater consumption | 5.8 | kg/year | | | | | |
| Net freshwater consumption | .0058 | m³/year | | | | | |
| Net freshwater consumption per RSL | 0.87 | m³/ RSL | | | | | |
| Ancillary materials (cleaning agent) | .119 | kg/year | | | | | |
| Ancillary materials (cleaning agent) per RSL | 1.79 | kg/ RSL | | | | | |
| Energy: Electricity consumption | .565 | MJ/year | | | | | |
| Energy: Electricity consumption | 9.42 | kW/year | | | | | |
| Energy: Electricity consumption per RSL | 141 | kW/ RSL | | | | | |
| Waste materials from maintenance | _ | kg | | | | | |
| Direct emissions to ambient air, soil and water (waste water) | - | kg/year | | | | | |

Maintenance cycle for B2 stage is measured for 1 year per the functional unit.

Table 5. End of life (C1-C4)

| NAME | VALUE | Unit |
|-----------------------|-------|------|
| Transport to disposal | 32.2 | km |
| Landfilling | 5.4 | kg |

Table 6. Reuse, recovery, recycling potential (D)

| NAME | VALUE | Unit |
|---|-------|------|
| Avoided energy burden (thermal energy to natural gas) | 17 | MJ |
| Kg diverted from landfill | 6.65 | kg |





Interface®



Interface, Inc. Modular Resilient Flooring 3 mm LVT

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

4. Life Cycle Assessment Results

Table 7. Description of the system boundary modules (X=declared; MND=module not declared)

| | PRODUCT STAGE | | AGE | | TRUCT- ROCESS AGE | | USE STAGE | | | EN | ND OF L | IFE STAGI | E | BENEFITS AND LOADS BEYOND THE SYSTEM BOUNDARY | | | |
|----------|------------------------|-----------|---------------|-----------------------------|-------------------------|-----|----------------------|--------|-------------|---------------|--|---|----------------|---|---------------------|----------|--|
| | A1 | A2 | А3 | A4 | A5 | B1 | B1 B2 B3 B4 B5 B6 B7 | | | | C1 | C2 | СЗ | 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 | | х | | х | Х | MND | Х | MND | MND | MND | MND | MND | MND | Х | MND | Х | Х |



Interface[®]



Interface, Inc.
Modular Resilient Flooring
3 mm LVT

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

4.1. Life Cycle Impact Assessment Results

Table 8. North American Impact Assessment Results

| TRACI v2.1 | A1-A3 | A4 | A5 | В2 | C2 | C4 | D |
|---------------------------------|----------|----------|----------|----------|----------|----------|-----------|
| GWP [kg CO2 eq] | 7.22E+00 | 8.24E-01 | 4.66E-02 | 4.09E-01 | 8.93E-03 | 3.77E-01 | -6.30E-02 |
| ODP [kg CFC-11 eq] | 3.07E-06 | 1.45E-16 | 8.67E-10 | 1.36E-08 | 1.52E-18 | 1.29E-15 | -6.43E-18 |
| AP [kg SO ₂ eq] | 2.09E-02 | 2.07E-02 | 1.53E-04 | 1.34E-03 | 4.47E-05 | 1.03E-03 | -3.56E-05 |
| EP [kg N eq] | 3.26E-03 | 7.61E-04 | 4.23E-05 | 6.92E-05 | 4.17E-06 | 4.88E-04 | -2.11E-06 |
| SFP [kg O ₃ eq] | 3.03E-01 | 4.00E-01 | 2.08E-03 | 1.68E-02 | 1.03E-03 | 1.73E-02 | -1.07E-03 |
| ADP _{fossil} [MJ, LHV] | 2.20E+01 | 1.49E+00 | 9.71E-02 | 1.19E+00 | 1.68E-02 | 7.53E-01 | -1.63E-01 |

Caption

GWP 100 = global warming potential; ODP = ozone depletion potential; AP = acidification potential; EP = eutrophication potential; SFP = smog formation potential; ADP fossil = abiotic resource depletion potential of non-renewable (fossil) energy resources

Table 9. EU Impact Assessment Results

| CML v4.2 | A1-A3 | A4 | A5 | B2 | C2 | C4 | D |
|-----------------------------------|----------|----------|----------|----------|-----------|----------|-----------|
| GWP 100 [kg CO2 eq] | 7.27E+00 | 8.26E-01 | 4.73E-02 | 4.11E-01 | 8.95E-03 | 3.82E-01 | -6.33E-02 |
| ODP [kg R11 eq] | 2.29E-06 | 1.45E-16 | 6.62E-10 | 1.25E-08 | 1.52E-18 | 1.29E-15 | -6.43E-18 |
| AP [kg SO ₂ eq] | 1.94E-02 | 1.92E-02 | 1.51E-04 | 1.37E-03 | 3.24E-05 | 9.89E-04 | -2.78E-05 |
| EP [kg PO ₄ -3 eq] | 3.24E-03 | 2.19E-03 | 9.32E-05 | 1.06E-04 | 9.52E-06 | 1.07E-03 | -6.01E-06 |
| POCP [kg ethene eq] | 2.34E-03 | 5.91E-04 | 1.52E-05 | 1.29E-04 | -1.40E-05 | 8.90E-05 | -4.69E-06 |
| ADP _{element} [kg Sb-eq] | 2.10E-05 | 4.22E-08 | 6.88E-09 | 3.80E-07 | 2.83E-09 | 7.32E-08 | -3.39E-09 |
| ADP _{fossil} [MJ, LHV] | 1.72E+02 | 1.04E+01 | 7.42E-01 | 9.06E+00 | 1.25E-01 | 5.69E+00 | -1.09E+00 |

Caption

GWP 100 = global warming potential; ODP = depletion potential of the stratospheric ozone layer; AP = acidification potential of soil and water; EP = eutrophication potential; POCP = photochemical oxidant creation potential; ADP - elements = abiotic depletion potential for non-fossil resources; ADP - fossil = abiotic resource depletion potential for fossil resources



Interface®



Interface, Inc. Modular Resilient Flooring 3 mm LVT

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

4.2. Life Cycle Inventory Results

Table 10. Resource Use

| Parameter | A1-A3 | A4 | A5 | B2 | C2 | C4 | D |
|----------------------|----------|----------|----------|----------|----------|----------|-----------|
| RPRE [MJ, LHV] | 6.66E+00 | _ | _ | 3.14E-02 | _ | _ | 0.00E+00 |
| RPRM [MJ, LHV] | 1.42E+01 | _ | _ | 9.27E-02 | _ | _ | 0.00E+00 |
| NRPRE [MJ, LHV] | 1.60E+01 | _ | _ | 1.67E-01 | _ | _ | _ |
| NRPRM [MJ, LHV] | 1.64E+02 | _ | _ | 9.36E+00 | _ | _ | _ |
| SM [kg] | 1.83E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RSF [MJ, LHV] | _ | _ | _ | _ | _ | _ | _ |
| NRSF [MJ, LHV] | _ | _ | _ | _ | _ | _ | _ |
| RE [MJ, LHV] | _ | _ | _ | _ | _ | _ | _ |
| FW [m ³] | 1.55E-01 | 2.49E-04 | 2.58E-04 | 5.32E-03 | 2.21E-05 | 5.41E-05 | -4.60E-06 |
| | | | | | | | |

Caption

RPRE = Renewable primary resources used as energy carrier (fuel); RPRM = Renewable primary resources with energy content used as material; NRPRE = Non-renewable primary resources used as an energy carrier (fuel); NRPRM = Non-renewable primary resources with energy content used as material; SM = Secondary materials; RSF = Renewable secondary fuels; NRSF = Non-renewable secondary fuels; RE = Recovered energy; FW = Use of net freshwater resources



Interface®



Interface, Inc.
Modular Resilient Flooring
3 mm LVT

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

Table 11. Output Flows and Waste Categories

| Parameter | A1-A3 | A4 | A5 | B2 | C2 | C4 | D |
|--------------|----------|----------|----------|----------|----------|----------|-----------|
| HWD [kg] | 1.40E-05 | 2.24E-10 | 8.70E-11 | 1.58E-11 | 1.06E-11 | 1.06E-09 | -2.04E-10 |
| NHWD [kg] | 8.18E-02 | 1.23E-03 | 4.60E-01 | 1.56E-03 | 1.14E-05 | 5.59E+00 | -2.63E-04 |
| HLRW [kg] | _ | _ | _ | _ | _ | _ | _ |
| ILLRW [kg] | _ | _ | _ | _ | _ | _ | _ |
| CRU [kg] | _ | _ | _ | _ | _ | _ | _ |
| MR [kg] | _ | _ | _ | _ | _ | _ | _ |
| MER [kg] | _ | _ | _ | _ | _ | _ | _ |
| EE [MJ, LHV] | _ | _ | _ | _ | _ | _ | _ |

Caption

HWD = hazardous waste disposed; NHWD = non-hazardous waste disposed; HLRW = high-level radioactive waste, conditioned, to final repository; ILLRW = intermediate and low-level radioactive waste, conditioned to final repository; CRU = components for reuse; MR = materials for recycling; MER = materials for energy recovery; EE = Recovered energy exported from the product system

5. LCA Interpretation

The life cycle impacts of modular carpets are driven by the Product Stage and the impacts from this stage are driven by raw materials.

6. Additional Environmental Information

6.1 Extraordinary Effects

Fire

| NAME | VALUE |
|----------------------------|---------|
| EN13501-1 Reaction to fire | Bfl-s1 |
| ASTM E648 Radiant Panel | Class 1 |
| ASTM E662 Smoke Density | < 450 |

Water

This product is impervious to water, protecting the subfloor from leaks and spills. Exposure to flooding for long periods





Interface®



Interface, Inc.

Modular Resilient Flooring 3 mm LVT

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

may result in damage to the product.

Mechanical Destruction

The product is intended for commercial applications with heavy wear. Performance requires proper installation according to Interface installation guidelines.

7. References

ASTM

ASTM E-648. Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source. https://www.astm.org/Standards/E648.htm

ASTM E-662. Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials. https://www.astm.org/Standards/E662.htm

EN 15804

EN 15804:2012-04+A1 2013: Sustainability of construction works — Environmental Product Declarations — Core rules for the product category of construction products

GaBi 10

GaBi 10:2021: Software-System and Databases for Life Cycle Engineering Copyright, TM. Stuttgart, Echterdingen

ISO 14025

ISO 14025:2006 : Environmental labels and declarations — Type III environmental declarations — Principles and procedures.

ISO 14040

ISO 14040:2006: Environmental management — Life cycle assessment —Principles and framework. Amd 1:2020.

ISO 14044

ISO 14044:2006 : Environmental management — Life cycle assessment —Requirements and guidelines. Amd 1:2017 / Amd 2:2020

ISO 21930

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

UL Environment

UL Environment General Program Instructions March 2020. version 2.5

UL 10010. PCR Part A

PCR -Part A: Life Cycle Assessment Calculation Rules and Report Requirements. Version 3.2. UL Environment. https://industries.ul.com/environment

UL 10010-7. PCR Part B

PCR - Part B: Flooring EPD Requirements. Second Edition. Dated September 28. 2018. UL Environment. https://www.ul.com/





Interface®



Interface, Inc. Modular Resilient Flooring 3 mm LVT

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

Interface

LVT Installation Instructions. Rev. November 1, 2020. https://www.interface.com/US/en-US/about/modular-system/Installation-Instructions

