

## ENVIRONMENTAL PRODUCT DECLARATION

# BEHR® ECOMIX™ INTERIOR PLANT-BASED PAINT & PRIMER

INTERIOR PAINT



Shown above: BEHR® ECOMIX™ Interior Plant-Based Paint & Primer is a GREENGUARD® Gold certified 100% acrylic plant-based, low odor paint and primer.



Behr Paint Company, producer of BEHR® and KILZ® products, is one of the largest manufacturers and suppliers of paint, primers, stains and surface finish products to do-it-yourselfers and professionals. Sustainability is a core concept of our business strategy and culture ensuring top economic, social and environmental performance. Behr Paint Company's commitment to sustainability, quality, value, and performance has driven our desire for innovation and transparency. The creation of a Life Cycle Assessment (LCA) report and Environmental Product Declaration (EPD) allows us to continually improve our operations and illustrate a complete story behind our products.

To learn more, visit [behr.com](http://behr.com) and [kilz.com](http://kilz.com)



*In order to support comparative assertions, this EPD meets all comparability requirements stated in ISO 14025:2006. However, such differences in certain assumptions, data quality, and variability between LCA data sets may still exist. As such, caution should be exercised when evaluating EPDs from different manufacturers, as the EPD results may not be entirely comparable. Any EPD comparison must be carried out at the building level per ISO 21930 guidelines. The results of this EPD reflect an average performance by the product and its actual impacts may vary on a case-to-case basis.*

# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer

According to ISO 14025,  
and ISO21930

|                                                                                                                                                        |                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| EPD PROGRAM AND PROGRAM OPERATOR NAME, ADDRESS, LOGO, AND WEBSITE                                                                                      | UL Solutions<br>333 Pfingsten Rd, Northbrook IL, 60062<br>www.ul.com<br>www.spot.ul.com                                    |
| GENERAL PROGRAM INSTRUCTIONS AND VERSION NUMBER                                                                                                        | Program Operator Rules v 2.7 2022                                                                                          |
| MANUFACTURER NAME AND ADDRESS                                                                                                                          | Behr Process LLC<br>1801 E St Andrew Pl, Santa Ana, CA 92705                                                               |
| DECLARATION NUMBER                                                                                                                                     | 4791080617.135.2 (updated 9/2026)                                                                                          |
| DECLARED PRODUCT & FUNCTIONAL UNIT OR DECLARED UNIT                                                                                                    | 1m <sup>2</sup> of covered and protected substrate for a period of 60 years with 97% opacity after drying                  |
| REFERENCE PCR AND VERSION NUMBER                                                                                                                       | PCR for architectural coating: NAICS 325510, NSF (2022)                                                                    |
| DESCRIPTION OF PRODUCT APPLICATION/USE                                                                                                                 | Interior Paint                                                                                                             |
| PRODUCT RSL DESCRIPTION (IF APPL.)                                                                                                                     | 5 years market life and 15 years design life used over a 60 year estimated building life                                   |
| MARKETS OF APPLICABILITY                                                                                                                               | North America                                                                                                              |
| DATE OF ISSUE                                                                                                                                          | September 30, 2025                                                                                                         |
| PERIOD OF VALIDITY                                                                                                                                     | 5 Years                                                                                                                    |
| EPD TYPE                                                                                                                                               | Product-specific                                                                                                           |
| RANGE OF DATASET VARIABILITY                                                                                                                           | N/A                                                                                                                        |
| OVERALL DATA QUALITY ASSESSMENT SCORE                                                                                                                  | Very good                                                                                                                  |
| EPD SCOPE                                                                                                                                              | Cradle to grave                                                                                                            |
| YEAR(S) OF REPORTED PRIMARY DATA                                                                                                                       | 2021                                                                                                                       |
| LCA SOFTWARE & VERSION NUMBER                                                                                                                          | Sphera's LCA for Experts (fka GaBi) v10.7.0.183                                                                            |
| LCI DATABASE(S) & VERSION NUMBER                                                                                                                       | Sphera's Managed LCA Content (fka GaBi) 2023.1                                                                             |
| LCIA METHODOLOGY & VERSION NUMBER                                                                                                                      | IPCC AR5, TRACI 2.1, CML 2001 (2013)                                                                                       |
| The PCR review was conducted by:                                                                                                                       | NSF International                                                                                                          |
|                                                                                                                                                        | PCR Review Panel                                                                                                           |
|                                                                                                                                                        | <a href="mailto:ncss@nsf.org">ncss@nsf.org</a>                                                                             |
| This declaration was independently verified in accordance with ISO 14025: 2006.<br><input type="checkbox"/> INTERNAL <input type="checkbox"/> EXTERNAL | Cooper McCollum, UL Solutions         |
|                                                                                                                                                        | Sphera                                                                                                                     |
| This life cycle assessment was independently verified in accordance with ISO 14044 and the reference PCR by:                                           | Maggie Wildnauer, WAP Sustainability  |

# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer

According to ISO 14025,  
ISO 21930

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**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.

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# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

## 1. Product Definition and Information

### 1.1. Description of Company/Organization

Founded in 1947, Behr Paint Company's unwavering commitment to quality, innovation, and value has helped foster their growth into one of the largest manufacturers of paints, primers, decorative finishes, stains, surface preparation and application products for DIYers and professionals in North America. With operations in the United States, Canada, and Mexico, this Santa Ana, California based company has worked diligently to deliver the quality brands, BEHR®, KILZ®, and WHIZZ® to meet the coating, color, and application needs of consumers, designers and professional paint contractors resulting in BEHR® becoming one of the most trusted brands in America. BEHR® paint delivers superior value at every price point so everyone can transform their space into the look they want, with the colors they love.

### 1.2. Product Description

#### Product Identification

Behr® ECOMIX™ Interior Plant-Based Paint & Primer is engineered to deliver premium durability and uncompromising performance while supporting sustainable building goals through Zero VOC, Low Emissions, Asthma & Allergy Friendly® Certification and GREENGUARD® GOLD Certification. It is ideal for commercial projects including schools, hospitals, hospitality, offices and other spaces seeking premium performance and cleaner air for a healthier indoor environment. Behr® ECOMIX™ has been tested by independent third-party labs resulting in various certifications including: GREENGUARD® GOLD, Asthma & Allergy Friendly®, USDA Certified Biobased and is MPI approved offering a line of coatings that meet or exceed environmental and performance requirements. This product line includes: E1000 Flat, E2000 Eggshell, E3000 Semi-Gloss, and is available in quart and gallon sized containers. Tint bases are offered in: Ultra Pure White, and Deep, to allow custom tinting to any desired color.

<sup>1</sup>This product contains a minimum of 20% plant-based ingredients, verified through third party lab testing in accordance with ASTM D6866.

<sup>2</sup>This product, like most Zero VOC paints, emits very low amounts of VOCs. Most emissions occur during painting and for 48 hours after. Some continue for two weeks or longer.



# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

## Product Specification

Table 1. Specifications for Behr® ECOMIX™ Interior Plant-Based Paint & Primer

| SKU   | FILL /<br>MAX TINT<br>LOAD | GLOSS<br>@ 60° | SHEEN<br>@ 85° | RESIN TYPE   | % SOLIDS<br>BY VOLUME | % SOLIDS<br>BY WEIGHT | FILM<br>THICKNESS<br>@ 250<br>SQ FT/GL | FILM<br>THICKNESS<br>@ 400<br>SQ FT/GL | VISCOSITY<br>(KU) |
|-------|----------------------------|----------------|----------------|--------------|-----------------------|-----------------------|----------------------------------------|----------------------------------------|-------------------|
| E1000 | 126 fl oz<br>4 fl oz       | 0 – 4          | 0 – 4          | 100% Acrylic | 44% ± 2%              | 61% ± 2%              | Wet: 6.4 mils<br>Dry: 2.8 mils         | Wet: 4.0 mils<br>Dry: 1.7 mils         | 95 – 105          |
| E1003 | 116 fl oz<br>14 fl oz      | 0 – 4          | 0 – 4          | 100% Acrylic | 44% ± 2%              | 61% ± 2%              | Wet: 6.4 mils<br>Dry: 2.8 mils         | Wet: 4.0 mils<br>Dry: 1.7 mils         | 95 – 105          |
| E2000 | 126 fl oz<br>4 fl oz       | 7 – 12         | 17 – 22        | 100% Acrylic | 40% ± 2%              | 54% ± 2%              | Wet: 6.4 mils<br>Dry: 2.6 mils         | Wet: 4.0 mils<br>Dry: 1.6 mils         | 100 – 110         |
| E2003 | 116 fl oz<br>14 fl oz      | 7 – 12         | 17 – 22        | 100% Acrylic | 40% ± 2%              | 54% ± 2%              | Wet: 6.4 mils<br>Dry: 2.6 mils         | Wet: 4.0 mils<br>Dry: 1.6 mils         | 100 – 110         |
| E3000 | 126 fl oz<br>4 fl oz       | 45 – 55        | -              | 100% Acrylic | 36% ± 2%              | 48% ± 2%              | Wet: 6.4 mils<br>Dry: 2.3 mils         | Wet: 4.0 mils<br>Dry: 1.4 mils         | 95 – 105          |
| E3003 | 116 fl oz<br>14 fl oz      | 45 – 55        | -              | 100% Acrylic | 36% ± 2%              | 48% ± 2%              | Wet: 6.4 mils<br>Dry: 2.3 mils         | Wet: 4.0 mils<br>Dry: 1.4 mils         | 95 – 105          |

## 1.3. Application

Recommended application information for Behr® ECOMIX™ Interior Plant-Based Paint & Primer is as follows:

**Brush:** Nylon/polyester

**Roller:** 3/8" – 3/4" nap roller cover, depending on surface texture

**Airless Spray:**

**Tip:** .015" - .019"

**Filter:** 60 mesh

**Fluid Pressure:** 1,400 – 2,400 psi

**Thinning:** Do not thin if using a roller or brush; however, if using a sprayer and thinning is required, thin with water at a rate of no more than ½ pint per gallon.



# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

The VOC emissions associated with each SKU after application are all <0.22 mg/m<sup>3</sup>. The method used to determine this was the California Department of Public Health (CDPH) standard test method, a revised and expanded standard based on California Specification 01350. VOC content in g/L for each SKU is shown in Table 2.

**Table 2. VOC content for each paint (g/L)**

|                       | E1000 | E1003 | E2000 | E2003 | E3000 | E3003 |
|-----------------------|-------|-------|-------|-------|-------|-------|
| VOC<br>(g/L of paint) | 1.37  | 1.42  | 1.54  | 1.77  | 2.01  | 2.08  |

## 1.4. Material Composition

The material composition of the paint in this product line is broken down by sheen and shown in Table 3 to Table 5.

**Table 3. Material composition range in weight % for Behr® ECOMIX™ Interior Plant-Based Paint & Primer Flat**

| MATERIAL- FLAT              | E1000    | E1003    |
|-----------------------------|----------|----------|
| Resin/Binder                | 25 - 30% | 35 - 40% |
| Additive                    | 5 - 10%  | 5 - 10%  |
| Biocide                     | 0.1 - 1% | 0.1 - 1% |
| Extender Pigment            | 20 - 25% | 30 - 35% |
| Pigment (TiO <sub>2</sub> ) | 25 - 30% | -        |
| Water                       | 10 - 15% | 20 - 25% |

**Table 4. Material composition range in weight % for Behr® ECOMIX™ Interior Plant-Based Paint & Primer Eggshell**

| MATERIAL- EGGSHELL          | E2000    | E2003    |
|-----------------------------|----------|----------|
| Resin/Binder                | 35 - 40% | 45 - 50% |
| Additive                    | 10 - 15% | 5 - 10%  |
| Biocide                     | 0.1 - 1% | 0.1 - 1% |
| Extender Pigment            | 10 - 15% | 15 - 20% |
| Pigment (TiO <sub>2</sub> ) | 20 - 25% | -        |
| Water                       | 15 - 20% | 25 - 30% |





Behr® ECOMIX™ Interior Plant-Based Paint & Primer

According to ISO 14025,  
ISO 21930

Table 5. Material composition range in weight % for Behr® ECOMIX™ Interior Plant-Based Paint & Primer Semi-Gloss

| MATERIAL – SEMI-GLOSS | E3000      | E3003    |
|-----------------------|------------|----------|
| Resin/Binder          | 40 - 45%   | 55 - 60% |
| Additive              | 10 - 15%   | 5 - 10%  |
| Biocide               | 0.1 - 1%   | 0.1 - 1% |
| Extender Pigment      | 0.5 – 1.5% | 1 - 5%   |
| Pigment (TiO2)        | 25 - 30%   | -        |
| Water                 | 15 - 20%   | 30 - 35% |

1.5. Manufacturing

As shown in Figure 1, manufacturing begins with metering of raw materials, followed by the pre-mix, dispersion, and let-down steps. The finished paint is dispensed into cans, which are then labeled, boxed, and loaded onto pallets for distribution.

Flow Diagram

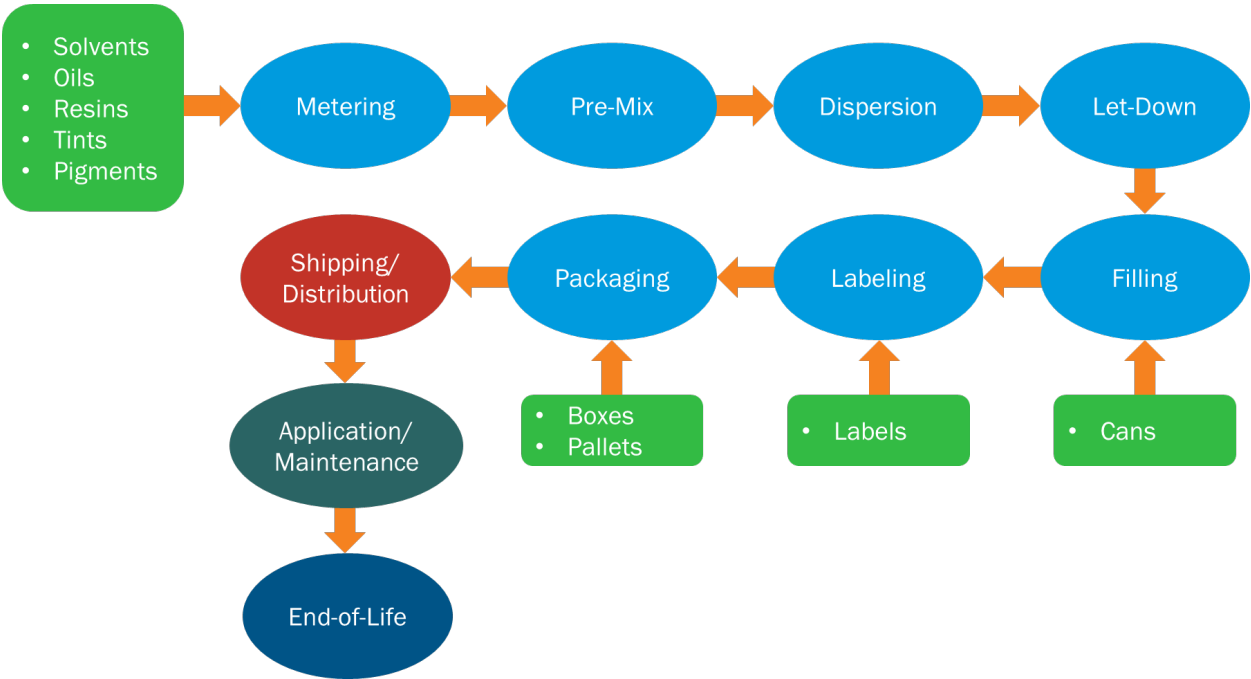


Figure 1. Flow diagram for cradle-to-grave LCA of Behr® ECOMIX™ Interior Plant-Based Paint & Primer.





Behr® ECOMIX™ Interior Plant-Based Paint & Primer

According to ISO 14025,  
ISO 21930

1.6. Packaging

Table 6 provides descriptions, volumes, and materials for the primary paint packaging used for Behr® ECOMIX™ Interior Plant-Based Paint & Primer. These packages are then placed in cardboard boxes and loaded onto heat-treated wooden pallets for distribution.

Table 6. Description of primary paint packaging

| CONTAINER | VOLUME          | MATERIAL      |
|-----------|-----------------|---------------|
| Can       | Quart or Gallon | Polypropylene |

1.7. Transportation

Raw materials and packaging are transported to each of the production facilities via truck or rail. After production and packaging, the paint is sent to one of twelve distribution centers by truck before being trucked to individual The Home Depot stores. Weighted average distances are calculated for transportation from distribution centers to stores in seven different regions.

1.8. Product Installation and Use

The use stage begins when the user applies the product to a substrate. This stage does not require any energy or additional cleaning inputs, but includes the VOCs emitted during application and drying. The products included in the Behr® ECOMIX™ Interior Plant-Based Paint & Primer portfolio are considered low-VOC products.

1.9. Reference Service Life and Estimated Building Service Life

Table 7 shows the design lifetime for interior and exterior paints of different quality. The entire Behr® ECOMIX™ Interior Plant-Based Paint & Primer line is considered high quality, and therefore has a design life of 15 years. Per the PCR, all results declared are calculated for a market life of 5 years. The estimated building life is 60 years per the PCR.

Table 7. Design lifetime of paint

| COATING TYPE   | LOW QUALITY | MID QUALITY | HIGH QUALITY | ALTERNATIVE |
|----------------|-------------|-------------|--------------|-------------|
| Interior Paint | 3 years     | 7 years     | 15 years     | N/A         |
| Exterior Paint | 5 years     | 10 years    | 20 years     | Warranty    |





Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

1.10. Reuse, Recycling, and Energy Recovery

The Home Depot stores encourage customers to use PaintCare or local paint recycling programs.

1.11. Disposal

Product end-of-life occurs with the disposal of the substrate material. 100% of the waste is disposed of in a landfill at the end-of-life stage and cannot be separated from the substrate before disposal. Packaging is recovered at a rate of 6.2% for plastics, 33.9% for metals, and 80.9% for paper and corrugated material. Recovery rates represent the average fractions of waste recovered in the US.

2. Life Cycle Assessment Background Information

2.1. Functional or Declared Unit

The functional unit for the study is:

***Covering and protecting 1 m<sup>2</sup> of substrate for a period of 60 years (the assumed lifetime of a building), exhibiting 97% opacity after drying***

The functional unit and reference flow required for the functional unit were calculated for both the market life and design life as prescribed by the PCR. Market life for interior paints is 5 years. The design life is based on the quality as determined by ASTM test methods for scrub resistance (ASTM D2486 - 06(2012)e1), burnish (ASTM D6736 - 08(2013)), and washability (ASTM D4828 - 94(2012)e1) and is shown in Table 7. Lifetimes and reference flows for each sheen and base combination are shown in Table 8. Results were calculated for all base and sheen formulations.

For further technical information on Behr® ECOMIX™ Interior Plant-Based Paint & Primer, visit [www.behr.com](http://www.behr.com).

Table 8. Sheen, base, design life, market life, and reference flows for each paint product.

| SKU   | SHEEN    | BASE  | DESIGN LIFETIME (YEARS) | MARKET LIFETIME (YEARS) | PAINT PER UNIT AREA (KG/M <sup>2</sup> ) | COLORANT PER UNIT AREA (KG/M <sup>2</sup> ) |
|-------|----------|-------|-------------------------|-------------------------|------------------------------------------|---------------------------------------------|
| E1000 | Flat     | White | 15                      | 5                       | 0.147                                    | 0.0047                                      |
| E1003 | Flat     | Deep  | 15                      | 5                       | 0.131                                    | 0.0159                                      |
| E2000 | Eggshell | White | 15                      | 5                       | 0.135                                    | 0.0047                                      |





Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

| SKU   | SHEEN      | BASE  | DESIGN LIFETIME (YEARS) | MARKET LIFETIME (YEARS) | PAINT PER UNIT AREA (KG/M <sup>2</sup> ) | COLORANT PER UNIT AREA (KG/M <sup>2</sup> ) |
|-------|------------|-------|-------------------------|-------------------------|------------------------------------------|---------------------------------------------|
| E2003 | Eggshell   | Deep  | 15                      | 5                       | 0.118                                    | 0.0159                                      |
| E3000 | Semi-Gloss | White | 15                      | 5                       | 0.128                                    | 0.0047                                      |
| E3003 | Semi-Gloss | Deep  | 15                      | 5                       | 0.108                                    | 0.0159                                      |

2.2. System Boundary

The LCA was performed according to ISO 14040 standards. The system boundary is cradle-to-grave, and includes the following modules as defined in the PCR. The declaration covers the full range of Behr® ECOMIX™ Interior Plant-Based Paint & Primer sold in the North American market for the reference year 2021.

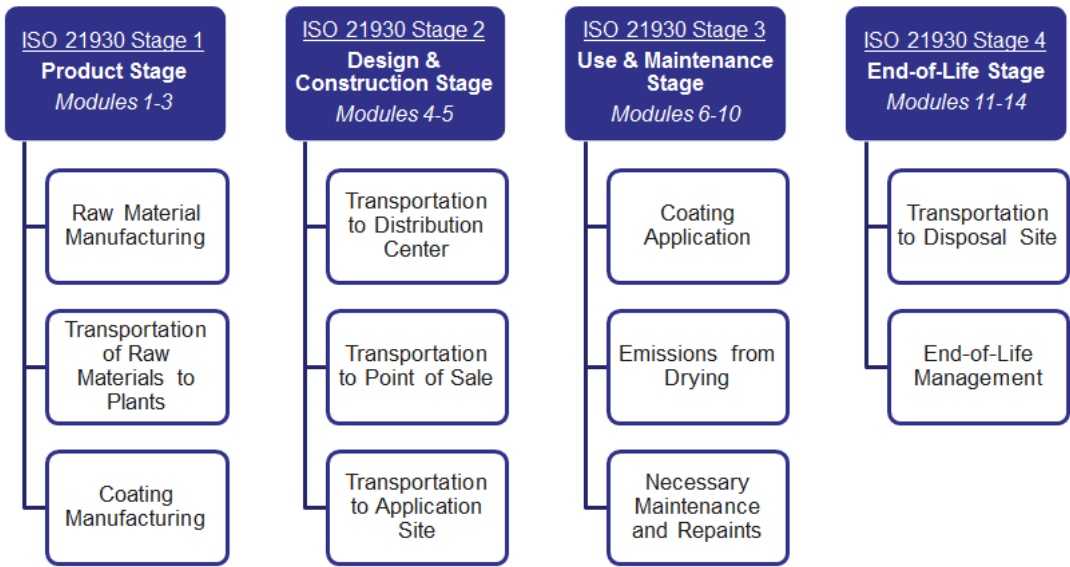


Figure 2. System boundaries for cradle to grave LCA





Behr® ECOMIX™ Interior Plant-Based Paint & Primer

According to ISO 14025,  
ISO 21930

2.3. Estimates and Assumptions

The modeling approach makes assumptions that are prescribed by the PCR, such as packaging disposal and recovery treatment, as well as transportation distances and use phase assumptions.

2.4. Cut-off Criteria

No cut-off criteria was defined by this study. For processes within the system boundary, all available energy and material flow data have been included in the model.

2.5. Data Sources and Quality

Primary data, for the 2021 reference year, was obtained from the one of Behr’s production facilities that will produce Behr® ECOMIX™ Interior Plant-Based Paint & Primer. That facility is located in: Santa Ana, CA. Background data was obtained from the GaBi 2023.1 database and is representative of the years 2012-2021. Overall, both primary and background data are representative of the product system and have been deemed very good quality.

2.6. Period under Review

The period under review is 2021.

2.7. Allocation

Manufacturing inputs for the single facility were allocated to each paint product by volume.

3. Life Cycle Assessment Results

In accordance with the PCR, TRACI 2.1 impact characterization methodology is used to calculate the declared environmental impacts, except for global warming potential and abiotic resource depletion, which follow the methodology in the IPCC 5th assessment report, and CML, respectively (Table 9). Additional inventory metrics are also calculated per the guiding PCR. The declared impacts and inventory metrics are summarized in this section. The total LCIA results for design life and market life for each impact category are provided in Table 10 and Table 18, respectively.



# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer

According to ISO 14025,  
ISO 21930

Furthermore, the results of each impact category for each stage are presented in Table 11 to Table 17 and from Table 19 to Table 25. Additionally, the LCI results for each stage are presented for each product (both market life and design life). The total LCI results for each impact category are also mentioned in this section.

## 3.1. Life Cycle Impact Assessment Results

**Table 9. Environmental impact categories for North America**

| PARAMETER        | DESCRIPTION                                                         | LCIA METHOD     | UNIT                   |
|------------------|---------------------------------------------------------------------|-----------------|------------------------|
| GWP excl         | Global warming potential, excluding biogenic CO <sub>2</sub>        | IPCC AR5 (2013) | kg CO <sub>2</sub> eq. |
| GWP incl         | Global warming potential, including biogenic CO <sub>2</sub>        | IPCC AR5 (2013) | kg CO <sub>2</sub> eq. |
| ODP              | Stratospheric ozone layer depletion potential                       | TRACI 2.1       | kg CFC 11 eq.          |
| AP               | Land and water acidification potential                              | TRACI 2.1       | kg SO <sub>2</sub> eq. |
| EP               | Eutrophication potential                                            | TRACI 2.1       | kg N eq.               |
| SFP              | Tropospheric ozone photochemical oxidant (smog) formation potential | TRACI 2.1       | kg O <sub>3</sub> eq.  |
| ADP <sub>f</sub> | Abiotic resource potential for fossil resources                     | CML 2001        | MJ                     |

**Table 10. Total LCIA results for every interior paint product, per 1 m<sup>2</sup> for 60 years by design life**

| SKU   | GWP EXCL<br>KG CO <sub>2</sub> EQ. | GWP INCL<br>KG CO <sub>2</sub> EQ. | AP<br>KG SO <sub>2</sub> EQ. | EP<br>KG N EQ. | ODP<br>KG CFC-11 EQ. | SFP<br>KG O <sub>3</sub> EQ. | ADP <sub>F</sub><br>MJ |
|-------|------------------------------------|------------------------------------|------------------------------|----------------|----------------------|------------------------------|------------------------|
| E1000 | 1.27E+00                           | 1.14E+00                           | 2.38E-02                     | 1.13E-03       | 2.61E-08             | 5.52E-02                     | 3.10E+01               |
| E1003 | 7.82E-01                           | 6.60E-01                           | 2.75E-03                     | 9.53E-04       | 2.34E-08             | 3.25E-02                     | 2.47E+01               |
| E2000 | 1.18E+00                           | 1.04E+00                           | 2.09E-02                     | 1.11E-03       | 2.60E-08             | 5.19E-02                     | 2.99E+01               |
| E2003 | 7.62E-01                           | 6.38E-01                           | 2.68E-03                     | 9.50E-04       | 2.40E-08             | 3.07E-02                     | 2.47E+01               |
| E3000 | 1.28E+00                           | 1.14E+00                           | 2.57E-02                     | 1.11E-03       | 2.59E-08             | 5.52E-02                     | 3.10E+01               |
| E3003 | 7.53E-01                           | 6.27E-01                           | 2.66E-03                     | 9.48E-04       | 2.43E-08             | 2.98E-02                     | 2.47E+01               |



# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

**Table 11. GWP excl LCIA results for every interior paint product, per 1 m<sup>2</sup> for 60 years by design life (kg CO<sub>2</sub> eq.)**

| SKU   | STAGE 1  | STAGE 2  | STAGE 3  | STAGE 4  | TOTAL    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 1.04E+00 | 2.16E-01 | 0.00E+00 | 1.89E-02 | 1.27E+00 |
| E1003 | 4.60E-01 | 3.05E-01 | 0.00E+00 | 1.70E-02 | 7.82E-01 |
| E2000 | 9.57E-01 | 2.02E-01 | 0.00E+00 | 1.76E-02 | 1.18E+00 |
| E2003 | 4.59E-01 | 2.88E-01 | 0.00E+00 | 1.56E-02 | 7.62E-01 |
| E3000 | 1.06E+00 | 1.94E-01 | 0.00E+00 | 1.70E-02 | 1.28E+00 |
| E3003 | 4.64E-01 | 2.75E-01 | 0.00E+00 | 1.45E-02 | 7.53E-01 |

**Table 2. GWP incl LCIA results for every paint product, interior paint, per 1 m<sup>2</sup> for 60 years by design life**

| SKU          | STAGE 1  | STAGE 2  | STAGE 3  | STAGE 4  | TOTAL    |
|--------------|----------|----------|----------|----------|----------|
| <b>E1000</b> | 9.04E-01 | 2.14E-01 | 0.00E+00 | 1.97E-02 | 1.14E+00 |
| <b>E1003</b> | 3.40E-01 | 3.03E-01 | 0.00E+00 | 1.77E-02 | 6.60E-01 |
| <b>E2000</b> | 8.23E-01 | 2.00E-01 | 0.00E+00 | 1.84E-02 | 1.04E+00 |
| <b>E2003</b> | 3.36E-01 | 2.86E-01 | 0.00E+00 | 1.62E-02 | 6.38E-01 |
| <b>E3000</b> | 9.32E-01 | 1.92E-01 | 0.00E+00 | 1.77E-02 | 1.14E+00 |
| <b>E3003</b> | 3.39E-01 | 2.73E-01 | 0.00E+00 | 1.52E-02 | 6.27E-01 |

**Table 13. AP LCIA results for every interior paint product, per 1 m<sup>2</sup> for 60 years by design life (kg SO<sub>2</sub> eq.)**

| SKU   | STAGE 1  | STAGE 2  | STAGE 3  | STAGE 4  | TOTAL    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 2.32E-02 | 5.00E-04 | 0.00E+00 | 8.37E-05 | 2.38E-02 |
| E1003 | 2.04E-03 | 6.36E-04 | 0.00E+00 | 7.49E-05 | 2.75E-03 |
| E2000 | 2.04E-02 | 4.65E-04 | 0.00E+00 | 7.74E-05 | 2.09E-02 |
| E2003 | 2.02E-03 | 5.94E-04 | 0.00E+00 | 6.80E-05 | 2.68E-03 |
| E3000 | 2.52E-02 | 4.46E-04 | 0.00E+00 | 7.40E-05 | 2.57E-02 |
| E3003 | 2.04E-03 | 5.64E-04 | 0.00E+00 | 6.29E-05 | 2.66E-03 |



# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

**Table 14. EP LCIA results for every interior paint product, per 1 m<sup>2</sup> for 60 years by design life (kg Neq.)**

| SKU   | STAGE 1  | STAGE 2  | STAGE 3  | STAGE 4  | TOTAL    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 9.51E-04 | 6.49E-05 | 0.00E+00 | 1.19E-04 | 1.13E-03 |
| E1003 | 7.84E-04 | 6.24E-05 | 0.00E+00 | 1.06E-04 | 9.53E-04 |
| E2000 | 9.43E-04 | 5.95E-05 | 0.00E+00 | 1.09E-04 | 1.11E-03 |
| E2003 | 7.98E-04 | 5.66E-05 | 0.00E+00 | 9.53E-05 | 9.50E-04 |
| E3000 | 9.51E-04 | 5.66E-05 | 0.00E+00 | 1.04E-04 | 1.11E-03 |
| E3003 | 8.08E-04 | 5.23E-05 | 0.00E+00 | 8.75E-05 | 9.48E-04 |

**Table 15. ODP LCIA results for every interior paint product, per 1 m<sup>2</sup> for 60 years by design life (kg CFC-11 eq.)**

| SKU   | STAGE 1  | STAGE 2  | STAGE 3  | STAGE 4  | TOTAL    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 2.61E-08 | 1.44E-15 | 0.00E+00 | 5.38E-16 | 2.61E-08 |
| E1003 | 2.34E-08 | 3.38E-15 | 0.00E+00 | 4.75E-16 | 2.34E-08 |
| E2000 | 2.60E-08 | 1.39E-15 | 0.00E+00 | 4.81E-16 | 2.60E-08 |
| E2003 | 2.40E-08 | 3.30E-15 | 0.00E+00 | 4.15E-16 | 2.40E-08 |
| E3000 | 2.59E-08 | 1.37E-15 | 0.00E+00 | 4.50E-16 | 2.59E-08 |
| E3003 | 2.43E-08 | 3.24E-15 | 0.00E+00 | 3.71E-16 | 2.43E-08 |

**Table 16. SFP LCIA results for every interior paint product, per 1 m<sup>2</sup> for 60 years by design life (kg O<sub>3</sub> eq.)**

| SKU   | STAGE 1  | STAGE 2  | STAGE 3  | STAGE 4  | TOTAL    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 4.41E-02 | 9.59E-03 | 2.48E-10 | 1.49E-03 | 5.52E-02 |
| E1003 | 2.15E-02 | 9.73E-03 | 2.48E-10 | 1.33E-03 | 3.25E-02 |
| E2000 | 4.17E-02 | 8.82E-03 | 2.48E-10 | 1.37E-03 | 5.19E-02 |
| E2003 | 2.07E-02 | 8.88E-03 | 2.48E-10 | 1.21E-03 | 3.07E-02 |
| E3000 | 4.55E-02 | 8.40E-03 | 2.48E-10 | 1.31E-03 | 5.52E-02 |
| E3003 | 2.04E-02 | 8.25E-03 | 2.48E-10 | 1.11E-03 | 2.98E-02 |



# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

**Table 17. ADP<sub>F</sub> LCIA results for every interior paint product, per 1 m<sup>2</sup> for 60 years by design life (MJ)**

| SKU   | STAGE 1  | STAGE 2  | STAGE 3  | STAGE 4  | TOTAL    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 2.76E+01 | 3.29E+00 | 0.00E+00 | 7.63E-02 | 3.10E+01 |
| E1003 | 1.88E+01 | 5.88E+00 | 0.00E+00 | 6.40E-02 | 2.47E+01 |
| E2000 | 2.67E+01 | 3.12E+00 | 0.00E+00 | 5.85E-02 | 2.99E+01 |
| E2003 | 1.90E+01 | 5.64E+00 | 0.00E+00 | 4.60E-02 | 2.47E+01 |
| E3000 | 2.79E+01 | 3.03E+00 | 0.00E+00 | 4.91E-02 | 3.10E+01 |
| E3003 | 1.92E+01 | 5.47E+00 | 0.00E+00 | 3.31E-02 | 2.47E+01 |

**Table 18. Total LCIA results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life**

| SKU   | GWP <sub>EXCL</sub><br>KG CO <sub>2</sub> EQ. | GWP <sub>INCL</sub><br>KG CO <sub>2</sub> EQ. | AP<br>KG SO <sub>2</sub> EQ. | EP<br>KG N EQ. | ODP<br>KG CFC 11 EQ. | SFP<br>KG O <sub>3</sub> EQ. | ADP <sub>F</sub><br>MJ |
|-------|-----------------------------------------------|-----------------------------------------------|------------------------------|----------------|----------------------|------------------------------|------------------------|
| E1000 | 3.82E+00                                      | 3.41E+00                                      | 7.13E-02                     | 3.40E-03       | 7.83E-08             | 1.66E-01                     | 9.31E+01               |
| E1003 | 2.35E+00                                      | 1.98E+00                                      | 8.26E-03                     | 2.86E-03       | 7.02E-08             | 9.76E-02                     | 7.41E+01               |
| E2000 | 3.53E+00                                      | 3.12E+00                                      | 6.27E-02                     | 3.34E-03       | 7.81E-08             | 1.56E-01                     | 8.97E+01               |
| E2003 | 2.29E+00                                      | 1.91E+00                                      | 8.05E-03                     | 2.85E-03       | 7.19E-08             | 9.22E-02                     | 7.40E+01               |
| E3000 | 3.83E+00                                      | 3.43E+00                                      | 7.71E-02                     | 3.33E-03       | 7.76E-08             | 1.66E-01                     | 9.30E+01               |
| E3003 | 2.26E+00                                      | 1.88E+00                                      | 7.99E-03                     | 2.84E-03       | 7.29E-08             | 8.93E-02                     | 7.42E+01               |

**Table 19. GWP<sub>excl</sub> LCIA results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life (kg CO<sub>2</sub> eq.)**

| SKU   | STAGE 1  | STAGE 2  | STAGE 3  | STAGE 4  | TOTAL    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 3.11E+00 | 6.49E-01 | 0.00E+00 | 5.68E-02 | 3.82E+00 |
| E1003 | 1.38E+00 | 9.15E-01 | 0.00E+00 | 5.10E-02 | 2.35E+00 |
| E2000 | 2.87E+00 | 6.06E-01 | 0.00E+00 | 5.29E-02 | 3.53E+00 |
| E2003 | 1.38E+00 | 8.63E-01 | 0.00E+00 | 4.67E-02 | 2.29E+00 |
| E3000 | 3.19E+00 | 5.83E-01 | 0.00E+00 | 5.09E-02 | 3.83E+00 |
| E3003 | 1.39E+00 | 8.25E-01 | 0.00E+00 | 4.36E-02 | 2.26E+00 |



# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

**Table 20. GWP incl LCIA results for every paint product, interior paint, per 1 m<sup>2</sup> for 60 years by market life (kg CO<sub>2</sub> eq.)**

| SKU   | STAGE 1  | STAGE 2  | STAGE 3  | STAGE 4  | TOTAL    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 2.71E+00 | 6.42E-01 | 0.00E+00 | 5.90E-02 | 3.41E+00 |
| E1003 | 1.02E+00 | 9.08E-01 | 0.00E+00 | 5.30E-02 | 1.98E+00 |
| E2000 | 2.47E+00 | 5.99E-01 | 0.00E+00 | 5.51E-02 | 3.12E+00 |
| E2003 | 1.01E+00 | 8.57E-01 | 0.00E+00 | 4.87E-02 | 1.91E+00 |
| E3000 | 2.80E+00 | 5.77E-01 | 0.00E+00 | 5.31E-02 | 3.43E+00 |
| E3003 | 1.02E+00 | 8.19E-01 | 0.00E+00 | 4.56E-02 | 1.88E+00 |

**Table 21. AP LCIA results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life (kg SO<sub>2</sub> eq.)**

| SKU   | STAGE 1  | STAGE 2  | STAGE 3  | STAGE 4  | TOTAL    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 6.95E-02 | 1.50E-03 | 0.00E+00 | 2.51E-04 | 7.13E-02 |
| E1003 | 6.12E-03 | 1.91E-03 | 0.00E+00 | 2.25E-04 | 8.26E-03 |
| E2000 | 6.11E-02 | 1.39E-03 | 0.00E+00 | 2.32E-04 | 6.27E-02 |
| E2003 | 6.07E-03 | 1.78E-03 | 0.00E+00 | 2.04E-04 | 8.05E-03 |
| E3000 | 7.55E-02 | 1.34E-03 | 0.00E+00 | 2.22E-04 | 7.71E-02 |
| E3003 | 6.11E-03 | 1.69E-03 | 0.00E+00 | 1.89E-04 | 7.99E-03 |

**Table 22. EP LCIA results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life (kg N eq.)**

| SKU   | STAGE 1  | STAGE 2  | STAGE 3  | STAGE 4  | TOTAL    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 2.85E-03 | 1.95E-04 | 0.00E+00 | 3.56E-04 | 3.40E-03 |
| E1003 | 2.35E-03 | 1.87E-04 | 0.00E+00 | 3.18E-04 | 2.86E-03 |
| E2000 | 2.83E-03 | 1.79E-04 | 0.00E+00 | 3.27E-04 | 3.34E-03 |
| E2003 | 2.40E-03 | 1.70E-04 | 0.00E+00 | 2.86E-04 | 2.85E-03 |
| E3000 | 2.85E-03 | 1.70E-04 | 0.00E+00 | 3.11E-04 | 3.33E-03 |
| E3003 | 2.43E-03 | 1.57E-04 | 0.00E+00 | 2.63E-04 | 2.84E-03 |



# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

**Table 23. ODP LCIA results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life (kg CFC-11 eq.)**

| SKU   | STAGE 1  | STAGE 2  | STAGE 3  | STAGE 4  | TOTAL    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 7.83E-08 | 4.31E-15 | 0.00E+00 | 1.61E-15 | 7.83E-08 |
| E1003 | 7.02E-08 | 1.01E-14 | 0.00E+00 | 1.43E-15 | 7.02E-08 |
| E2000 | 7.81E-08 | 4.17E-15 | 0.00E+00 | 1.44E-15 | 7.81E-08 |
| E2003 | 7.19E-08 | 9.90E-15 | 0.00E+00 | 1.25E-15 | 7.19E-08 |
| E3000 | 7.76E-08 | 4.10E-15 | 0.00E+00 | 1.35E-15 | 7.76E-08 |
| E3003 | 7.29E-08 | 9.71E-15 | 0.00E+00 | 1.11E-15 | 7.29E-08 |

**Table 24. SFP LCIA results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life (kg O<sub>3</sub> eq.)**

| SKU   | STAGE 1  | STAGE 2  | STAGE 3  | STAGE 4  | TOTAL    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 1.32E-01 | 2.88E-02 | 7.45E-10 | 4.46E-03 | 1.66E-01 |
| E1003 | 6.44E-02 | 2.92E-02 | 7.45E-10 | 3.99E-03 | 9.76E-02 |
| E2000 | 1.25E-01 | 2.65E-02 | 7.45E-10 | 4.12E-03 | 1.56E-01 |
| E2003 | 6.20E-02 | 2.66E-02 | 7.45E-10 | 3.62E-03 | 9.22E-02 |
| E3000 | 1.37E-01 | 2.52E-02 | 7.45E-10 | 3.94E-03 | 1.66E-01 |
| E3003 | 6.12E-02 | 2.47E-02 | 7.45E-10 | 3.34E-03 | 8.93E-02 |

**Table 25. ADPf LCIA results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life (MJ)**

| SKU   | STAGE 1  | STAGE 2  | STAGE 3  | STAGE 4  | TOTAL    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 8.29E+01 | 9.88E+00 | 0.00E+00 | 2.29E-01 | 9.31E+01 |
| E1003 | 5.63E+01 | 1.76E+01 | 0.00E+00 | 1.92E-01 | 7.41E+01 |
| E2000 | 8.02E+01 | 9.36E+00 | 0.00E+00 | 1.76E-01 | 8.97E+01 |
| E2003 | 5.70E+01 | 1.69E+01 | 0.00E+00 | 1.38E-01 | 7.40E+01 |
| E3000 | 8.38E+01 | 9.08E+00 | 0.00E+00 | 1.47E-01 | 9.30E+01 |
| E3003 | 5.77E+01 | 1.64E+01 | 0.00E+00 | 9.92E-02 | 7.42E+01 |





Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

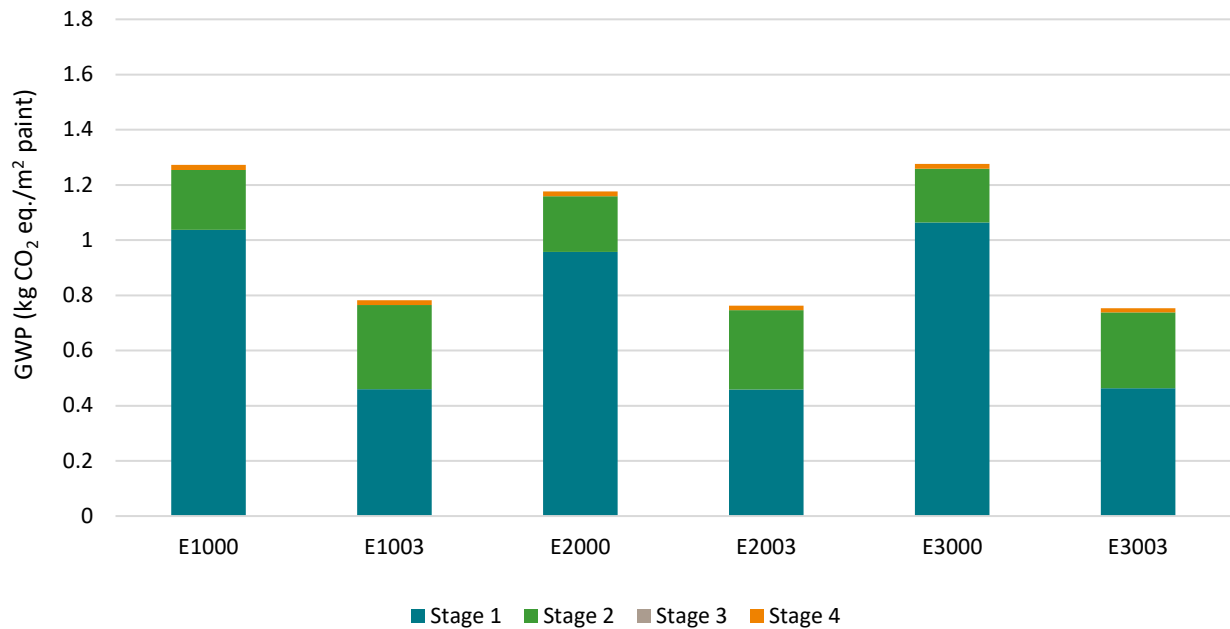


Figure 3: GWP excl results by stage

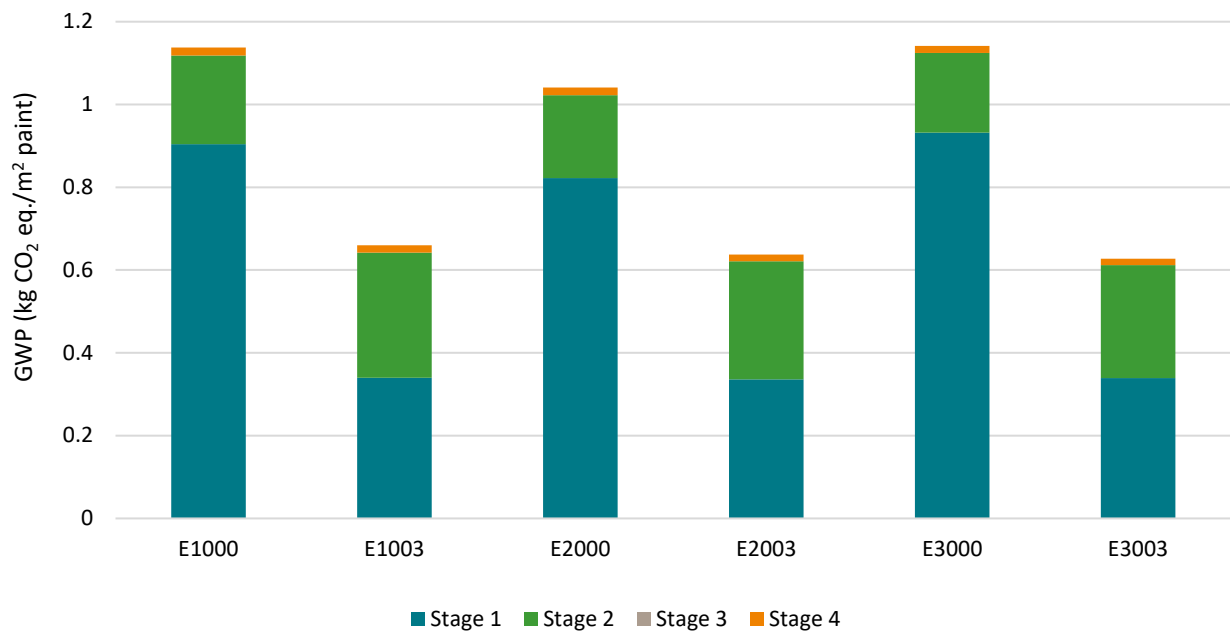


Figure 4: GWP incl results by stage





Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

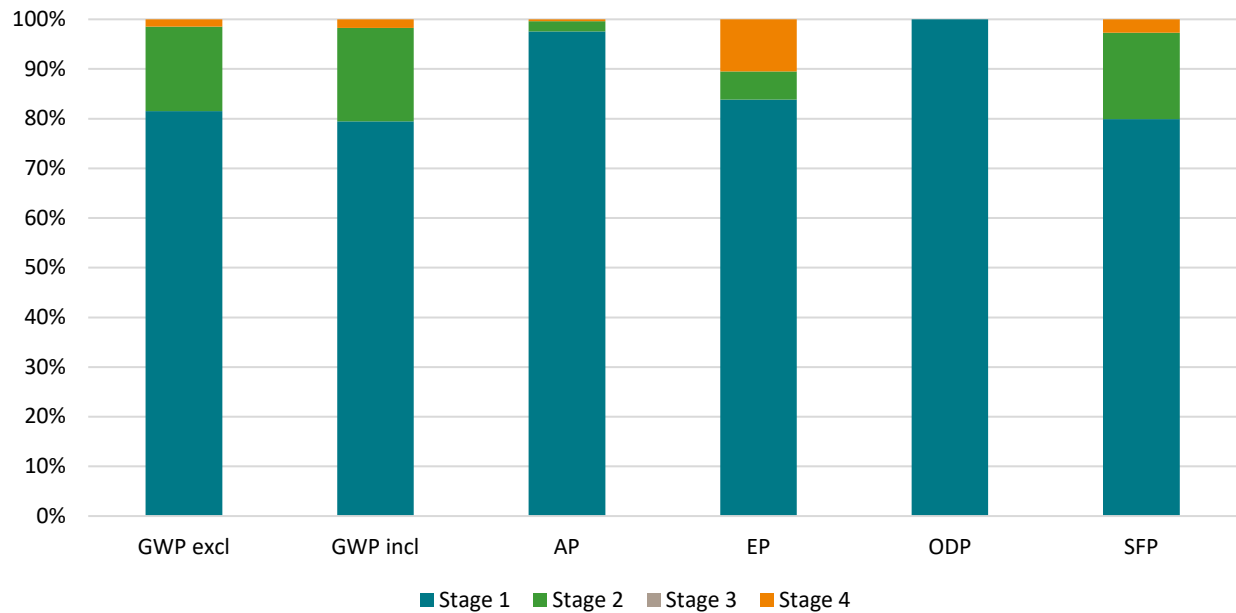


Figure 5: LCIA contribution results for E1000

3.2. Life Cycle Inventory Results

Table 26. Total resource use results for every interior paint product, per 1 m² for 60 years by design life

| SKU   | RPR <sub>E</sub><br>MJ | RPR <sub>M</sub><br>MJ | NRPR <sub>E</sub><br>MJ | NRPR <sub>M</sub><br>MJ | SM<br>KG | RSF<br>MJ | NRSF<br>MJ | RE<br>MJ | FW<br>M³ |
|-------|------------------------|------------------------|-------------------------|-------------------------|----------|-----------|------------|----------|----------|
| E1000 | 3.06E+00               | 1.50E+00               | 2.44E+01                | 4.53E+00                | 2.35E-04 | 0         | 0          | 0        | 2.63E-02 |
| E1003 | 2.06E+00               | 1.35E+00               | 1.82E+01                | 4.03E+00                | 2.16E-04 | 0         | 0          | 0        | 2.08E-02 |
| E2000 | 2.96E+00               | 1.49E+00               | 2.30E+01                | 4.71E+00                | 2.34E-04 | 0         | 0          | 0        | 2.58E-02 |
| E2003 | 2.05E+00               | 1.37E+00               | 1.81E+01                | 4.02E+00                | 2.14E-04 | 0         | 0          | 0        | 2.11E-02 |
| E3000 | 3.11E+00               | 1.48E+00               | 2.45E+01                | 4.53E+00                | 2.34E-04 | 0         | 0          | 0        | 2.65E-02 |
| E3003 | 2.08E+00               | 1.39E+00               | 1.81E+01                | 4.05E+00                | 2.11E-04 | 0         | 0          | 0        | 2.14E-02 |



# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

**Table 27. RPR<sub>e</sub> results for every interior paint product, for their design life (MJ)**

| SKU   | Stage 1  | Stage 2  | Stage 3  | Stage 4  | Total    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 2.87E+00 | 1.71E-01 | 0.00E+00 | 2.20E-02 | 3.06E+00 |
| E1003 | 1.80E+00 | 2.32E-01 | 0.00E+00 | 1.94E-02 | 2.06E+00 |
| E2000 | 2.78E+00 | 1.59E-01 | 0.00E+00 | 1.97E-02 | 2.96E+00 |
| E2003 | 1.82E+00 | 2.18E-01 | 0.00E+00 | 1.70E-02 | 2.05E+00 |
| E3000 | 2.94E+00 | 1.53E-01 | 0.00E+00 | 1.85E-02 | 3.11E+00 |
| E3003 | 1.86E+00 | 2.08E-01 | 0.00E+00 | 1.53E-02 | 2.08E+00 |

**Table 28. RPR<sub>m</sub> results for every interior paint product, for their design life (MJ)**

| SKU   | Stage 1  | Stage 2  | Stage 3  | Stage 4  | Total    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 1.50E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E+00 |
| E1003 | 1.35E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E+00 |
| E2000 | 1.49E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E+00 |
| E2003 | 1.37E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E+00 |
| E3000 | 1.48E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E+00 |
| E3003 | 1.39E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E+00 |

**Table 29. NRPR<sub>e</sub> results for every interior paint product, for their design life (MJ)**

| SKU   | Stage 1  | Stage 2  | Stage 3  | Stage 4  | Total    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 2.09E+01 | 3.35E+00 | 0.00E+00 | 7.50E-02 | 2.44E+01 |
| E1003 | 1.21E+01 | 6.01E+00 | 0.00E+00 | 6.27E-02 | 1.82E+01 |
| E2000 | 1.98E+01 | 3.17E+00 | 0.00E+00 | 5.67E-02 | 2.30E+01 |
| E2003 | 1.23E+01 | 5.77E+00 | 0.00E+00 | 4.42E-02 | 1.81E+01 |
| E3000 | 2.13E+01 | 3.08E+00 | 0.00E+00 | 4.70E-02 | 2.45E+01 |
| E3003 | 1.24E+01 | 5.60E+00 | 0.00E+00 | 3.09E-02 | 1.81E+01 |



# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

**Table 30. NRPRm results for every interior paint product, for their design life (MJ)**

| SKU   | Stage 1  | Stage 2  | Stage 3  | Stage 4  | Total    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 4.53E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.53E+00 |
| E1003 | 4.03E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E+00 |
| E2000 | 4.71E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.71E+00 |
| E2003 | 4.02E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E+00 |
| E3000 | 4.53E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.53E+00 |
| E3003 | 4.05E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E+00 |

**Table 31. SM results for every interior paint product, for their design life (kg)**

| SKU   | Stage 1  | Stage 2  | Stage 3  | Stage 4  | Total    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 2.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 |
| E1003 | 2.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.16E-04 |
| E2000 | 2.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-04 |
| E2003 | 2.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.14E-04 |
| E3000 | 2.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-04 |
| E3003 | 2.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-04 |

**Table 32. FW results for every interior paint product, for their design life (m³)**

| SKU   | Stage 1  | Stage 2  | Stage 3  | Stage 4   | Total    |
|-------|----------|----------|----------|-----------|----------|
| E1000 | 2.57E-02 | 9.38E-04 | 0.00E+00 | -2.41E-04 | 2.63E-02 |
| E1003 | 1.94E-02 | 1.53E-03 | 0.00E+00 | -2.23E-04 | 2.08E-02 |
| E2000 | 2.52E-02 | 8.84E-04 | 0.00E+00 | -2.43E-04 | 2.58E-02 |
| E2003 | 1.99E-02 | 1.46E-03 | 0.00E+00 | -2.23E-04 | 2.11E-02 |
| E3000 | 2.59E-02 | 8.54E-04 | 0.00E+00 | -2.44E-04 | 2.65E-02 |
| E3003 | 2.02E-02 | 1.41E-03 | 0.00E+00 | -2.22E-04 | 2.14E-02 |



# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

**Table 33. Total Resource use results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life**

| SKU   | RPR <sub>E</sub><br>MJ | RPR <sub>M</sub><br>MJ | NRPR <sub>E</sub><br>MJ | NRPR <sub>M</sub><br>MJ | SM<br>KG | RSF<br>MJ | NRSF<br>MJ | RE<br>MJ | FW<br>m <sup>3</sup> |
|-------|------------------------|------------------------|-------------------------|-------------------------|----------|-----------|------------|----------|----------------------|
| E1000 | 9.19E+00               | 4.49E+00               | 7.31E+01                | 1.36E+01                | 7.05E-04 | 0         | 0          | 0        | 7.90E-02             |
| E1003 | 6.17E+00               | 4.04E+00               | 5.45E+01                | 1.21E+01                | 6.49E-04 | 0         | 0          | 0        | 6.23E-02             |
| E2000 | 8.88E+00               | 4.48E+00               | 6.89E+01                | 1.41E+01                | 7.03E-04 | 0         | 0          | 0        | 7.75E-02             |
| E2003 | 6.16E+00               | 4.12E+00               | 5.43E+01                | 1.20E+01                | 6.41E-04 | 0         | 0          | 0        | 6.33E-02             |
| E3000 | 9.33E+00               | 4.45E+00               | 7.34E+01                | 1.36E+01                | 7.01E-04 | 0         | 0          | 0        | 7.96E-02             |
| E3003 | 6.24E+00               | 4.16E+00               | 5.42E+01                | 1.22E+01                | 6.34E-04 | 0         | 0          | 0        | 6.41E-02             |

**Table 34. RPR<sub>E</sub> results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life (MJ)**

| SKU   | Stage 1  | Stage 2  | Stage 3  | Stage 4  | Total    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 8.61E+00 | 5.13E-01 | 0.00E+00 | 6.59E-02 | 9.19E+00 |
| E1003 | 5.41E+00 | 6.96E-01 | 0.00E+00 | 5.83E-02 | 6.17E+00 |
| E2000 | 8.34E+00 | 4.78E-01 | 0.00E+00 | 5.91E-02 | 8.88E+00 |
| E2003 | 5.46E+00 | 6.54E-01 | 0.00E+00 | 5.11E-02 | 6.16E+00 |
| E3000 | 8.81E+00 | 4.59E-01 | 0.00E+00 | 5.55E-02 | 9.33E+00 |
| E3003 | 5.57E+00 | 6.23E-01 | 0.00E+00 | 4.59E-02 | 6.24E+00 |

**Table 35. RPR<sub>M</sub> results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life (MJ)**

| SKU   | Stage 1  | Stage 2  | Stage 3  | Stage 4  | Total    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 4.49E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.49E+00 |
| E1003 | 4.04E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E+00 |
| E2000 | 4.48E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E+00 |
| E2003 | 4.12E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E+00 |
| E3000 | 4.45E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E+00 |
| E3003 | 4.16E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E+00 |



# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

**Table 36. NRPR<sub>e</sub> results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life (MJ)**

| SKU   | Stage 1  | Stage 2  | Stage 3  | Stage 4  | Total    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 6.28E+01 | 1.00E+01 | 0.00E+00 | 2.25E-01 | 7.31E+01 |
| E1003 | 3.63E+01 | 1.80E+01 | 0.00E+00 | 1.88E-01 | 5.45E+01 |
| E2000 | 5.93E+01 | 9.52E+00 | 0.00E+00 | 1.70E-01 | 6.89E+01 |
| E2003 | 3.68E+01 | 1.73E+01 | 0.00E+00 | 1.33E-01 | 5.43E+01 |
| E3000 | 6.40E+01 | 9.24E+00 | 0.00E+00 | 1.41E-01 | 7.34E+01 |
| E3003 | 3.73E+01 | 1.68E+01 | 0.00E+00 | 9.27E-02 | 5.42E+01 |

**Table 37. NRPR<sub>m</sub> results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life (MJ)**

| SKU   | Stage 1  | Stage 2  | Stage 3  | Stage 4  | Total    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 1.36E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E+01 |
| E1003 | 1.21E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E+01 |
| E2000 | 1.41E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E+01 |
| E2003 | 1.20E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E+01 |
| E3000 | 1.36E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E+01 |
| E3003 | 1.22E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E+01 |

**Table 38. SM results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life (kg)**

| SKU   | Stage 1  | Stage 2  | Stage 3  | Stage 4  | Total    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 7.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.05E-04 |
| E1003 | 6.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-04 |
| E2000 | 7.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.03E-04 |
| E2003 | 6.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-04 |
| E3000 | 7.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.01E-04 |
| E3003 | 6.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.34E-04 |



# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

**Table 39. FW results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life (m<sup>3</sup>)**

| SKU   | Stage 1  | Stage 2  | Stage 3  | Stage 4   | Total    |
|-------|----------|----------|----------|-----------|----------|
| E1000 | 7.70E-02 | 2.81E-03 | 0.00E+00 | -7.24E-04 | 7.90E-02 |
| E1003 | 5.83E-02 | 4.58E-03 | 0.00E+00 | -6.69E-04 | 6.23E-02 |
| E2000 | 7.56E-02 | 2.65E-03 | 0.00E+00 | -7.29E-04 | 7.75E-02 |
| E2003 | 5.96E-02 | 4.37E-03 | 0.00E+00 | -6.68E-04 | 6.33E-02 |
| E3000 | 7.78E-02 | 2.56E-03 | 0.00E+00 | -7.32E-04 | 7.96E-02 |
| E3003 | 6.06E-02 | 4.22E-03 | 0.00E+00 | -6.65E-04 | 6.41E-02 |

**Table 40. Total output and waste results for every interior paint product, per 1 m<sup>2</sup> for 60 years by design life**

| SKU   | HWD<br>% | NHWD<br>% |
|-------|----------|-----------|
| E1000 | 0.02%    | 99.98%    |
| E1003 | 0.02%    | 99.98%    |
| E2000 | 0.02%    | 99.98%    |
| E2003 | 0.02%    | 99.98%    |
| E3000 | 0.02%    | 99.98%    |
| E3003 | 0.02%    | 99.98%    |

**Table 41. Waste results for every interior paint product, per 1 m<sup>2</sup> for 60 years by design life**

| SKU   | Waste | Stage 1 | Stage 2 | Stage 3 | Stage 4 | Total  |
|-------|-------|---------|---------|---------|---------|--------|
| E1000 | HWD   | 0.90%   | 0.00%   | 0.00%   | 0.00%   | 0.02%  |
|       | NHWD  | 99.10%  | 0.00%   | 0.00%   | 100.00% | 99.98% |
| E1003 | HWD   | 0.90%   | 0.00%   | 0.00%   | 0.00%   | 0.02%  |
|       | NHWD  | 99.10%  | 0.00%   | 0.00%   | 100.00% | 99.98% |
| E2000 | HWD   | 0.90%   | 0.00%   | 0.00%   | 0.00%   | 0.02%  |
|       | NHWD  | 99.10%  | 0.00%   | 0.00%   | 100.00% | 99.98% |
| E2003 | HWD   | 0.90%   | 0.00%   | 0.00%   | 0.00%   | 0.02%  |
|       | NHWD  | 99.10%  | 0.00%   | 0.00%   | 100.00% | 99.98% |
| E3000 | HWD   | 0.90%   | 0.00%   | 0.00%   | 0.00%   | 0.02%  |
|       | NHWD  | 99.10%  | 0.00%   | 0.00%   | 100.00% | 99.98% |
| E3003 | HWD   | 0.90%   | 0.00%   | 0.00%   | 0.00%   | 0.02%  |
|       | NHWD  | 99.10%  | 0.00%   | 0.00%   | 100.00% | 99.98% |



# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

**Table 42. Total output and waste results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life**

| SKU   | HWD<br>% | NHWD<br>% |
|-------|----------|-----------|
| E1000 | 0.02%    | 99.98%    |
| E1003 | 0.02%    | 99.98%    |
| E2000 | 0.02%    | 99.98%    |
| E2003 | 0.02%    | 99.98%    |
| E3000 | 0.02%    | 99.98%    |
| E3003 | 0.02%    | 99.98%    |

**Table 43. Waste results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life**

| SKU   | Waste | Stage 1 | Stage 2 | Stage 3 | Stage 4 | Total  |
|-------|-------|---------|---------|---------|---------|--------|
| E1000 | HWD   | 0.90%   | 0.00%   | 0.00%   | 0.00%   | 0.02%  |
|       | NHWD  | 99.10%  | 0.00%   | 0.00%   | 100.00% | 99.98% |
| E1003 | HWD   | 0.90%   | 0.00%   | 0.00%   | 0.00%   | 0.02%  |
|       | NHWD  | 99.10%  | 0.00%   | 0.00%   | 100.00% | 99.98% |
| E2000 | HWD   | 0.90%   | 0.00%   | 0.00%   | 0.00%   | 0.02%  |
|       | NHWD  | 99.10%  | 0.00%   | 0.00%   | 100.00% | 99.98% |
| E2003 | HWD   | 0.90%   | 0.00%   | 0.00%   | 0.00%   | 0.02%  |
|       | NHWD  | 99.10%  | 0.00%   | 0.00%   | 100.00% | 99.98% |
| E3000 | HWD   | 0.90%   | 0.00%   | 0.00%   | 0.00%   | 0.02%  |
|       | NHWD  | 99.10%  | 0.00%   | 0.00%   | 100.00% | 99.98% |
| E3003 | HWD   | 0.90%   | 0.00%   | 0.00%   | 0.00%   | 0.02%  |
|       | NHWD  | 99.10%  | 0.00%   | 0.00%   | 100.00% | 99.98% |



# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

**Table 44. Energy resource use results for every interior paint product, per 1 m<sup>2</sup> for 60 years by design life**

| SKU   | BIO-ENERGY<br>MJ | FOSSIL ENERGY<br>MJ | HYDRO/WIND ENERGY<br>MJ | NUCLEAR ENERGY<br>MJ | OTHER ENERGY<br>MJ | NON-RENEWABLE RESOURCES<br>kg | RENEWABLE RESOURCES<br>kg |
|-------|------------------|---------------------|-------------------------|----------------------|--------------------|-------------------------------|---------------------------|
| E1000 | 3.72E-11         | 2.03E+01            | 7.22E-01                | 1.36E+00             | 1.01E+00           | 5.08E-01                      | 9.18E-02                  |
| E1003 | 5.17E-12         | 1.51E+01            | 3.08E-01                | 6.12E-01             | 5.54E-01           | 3.57E-01                      | 8.24E-02                  |
| E2000 | 3.31E-11         | 1.92E+01            | 6.65E-01                | 1.24E+00             | 9.65E-01           | 4.79E-01                      | 9.16E-02                  |
| E2003 | 2.65E-12         | 1.48E+01            | 3.02E-01                | 6.13E-01             | 5.25E-01           | 3.50E-01                      | 8.43E-02                  |
| E3000 | 3.33E-11         | 2.04E+01            | 7.58E-01                | 1.42E+00             | 1.03E+00           | 5.13E-01                      | 9.10E-02                  |
| E3003 | 2.07E-12         | 1.47E+01            | 3.11E-01                | 6.28E-01             | 5.23E-01           | 3.48E-01                      | 8.55E-02                  |

**Table 45. Bio-energy results for every interior paint product, per 1 m<sup>2</sup> for 60 years by design life (MJ)**

| SKU   | Stage 1  | Stage 2   | Stage 3  | Stage 4   | Total    |
|-------|----------|-----------|----------|-----------|----------|
| E1000 | 4.38E-11 | -5.30E-12 | 0.00E+00 | -1.35E-12 | 3.72E-11 |
| E1003 | 2.60E-11 | -1.96E-11 | 0.00E+00 | -1.25E-12 | 5.17E-12 |
| E2000 | 3.99E-11 | -5.39E-12 | 0.00E+00 | -1.37E-12 | 3.31E-11 |
| E2003 | 2.33E-11 | -1.94E-11 | 0.00E+00 | -1.26E-12 | 2.65E-12 |
| E3000 | 4.02E-11 | -5.44E-12 | 0.00E+00 | -1.38E-12 | 3.33E-11 |
| E3003 | 2.26E-11 | -1.93E-11 | 0.00E+00 | -1.27E-12 | 2.07E-12 |

**Table 46. Fossil energy results for every interior paint product, per 1 m<sup>2</sup> for 60 years by design life (MJ)**

| SKU   | Stage 1  | Stage 2  | Stage 3  | Stage 4  | Total    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 1.69E+01 | 3.29E+00 | 0.00E+00 | 7.63E-02 | 2.03E+01 |
| E1003 | 9.14E+00 | 5.88E+00 | 0.00E+00 | 6.40E-02 | 1.51E+01 |
| E2000 | 1.60E+01 | 3.12E+00 | 0.00E+00 | 5.85E-02 | 1.92E+01 |
| E2003 | 9.13E+00 | 5.64E+00 | 0.00E+00 | 4.60E-02 | 1.48E+01 |
| E3000 | 1.73E+01 | 3.03E+00 | 0.00E+00 | 4.91E-02 | 2.04E+01 |
| E3003 | 9.23E+00 | 5.47E+00 | 0.00E+00 | 3.31E-02 | 1.47E+01 |



# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

**Table 47. Hydro/ Wind energy results every interior paint product, per 1 m<sup>2</sup> for 60 years by design life (MJ)**

| SKU   | Stage 1  | Stage 2  | Stage 3  | Stage 4  | Total    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 6.87E-01 | 3.05E-02 | 0.00E+00 | 4.20E-03 | 7.22E-01 |
| E1003 | 2.33E-01 | 7.15E-02 | 0.00E+00 | 3.63E-03 | 3.08E-01 |
| E2000 | 6.32E-01 | 2.96E-02 | 0.00E+00 | 3.53E-03 | 6.65E-01 |
| E2003 | 2.29E-01 | 6.97E-02 | 0.00E+00 | 2.95E-03 | 3.02E-01 |
| E3000 | 7.26E-01 | 2.90E-02 | 0.00E+00 | 3.18E-03 | 7.58E-01 |
| E3003 | 2.40E-01 | 6.83E-02 | 0.00E+00 | 2.46E-03 | 3.11E-01 |

**Table 48. Nuclear energy results for every interior paint product, per 1 m<sup>2</sup> for 60 years by design life (MJ)**

| SKU   | Stage 1  | Stage 2  | Stage 3  | Stage 4   | Total    |
|-------|----------|----------|----------|-----------|----------|
| E1000 | 1.30E+00 | 5.55E-02 | 0.00E+00 | -1.24E-03 | 1.36E+00 |
| E1003 | 4.81E-01 | 1.33E-01 | 0.00E+00 | -1.33E-03 | 6.12E-01 |
| E2000 | 1.19E+00 | 5.38E-02 | 0.00E+00 | -1.77E-03 | 1.24E+00 |
| E2003 | 4.85E-01 | 1.30E-01 | 0.00E+00 | -1.83E-03 | 6.13E-01 |
| E3000 | 1.36E+00 | 5.29E-02 | 0.00E+00 | -2.05E-03 | 1.42E+00 |
| E3003 | 5.03E-01 | 1.27E-01 | 0.00E+00 | -2.19E-03 | 6.28E-01 |

**Table 49. Other energy results for every interior paint product, per 1 m<sup>2</sup> for 60 years by design life (MJ)**

| SKU   | Stage 1  | Stage 2  | Stage 3  | Stage 4  | Total    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 8.48E-01 | 1.41E-01 | 0.00E+00 | 1.83E-02 | 1.01E+00 |
| E1003 | 3.77E-01 | 1.60E-01 | 0.00E+00 | 1.63E-02 | 5.54E-01 |
| E2000 | 8.18E-01 | 1.30E-01 | 0.00E+00 | 1.67E-02 | 9.65E-01 |
| E2003 | 3.62E-01 | 1.48E-01 | 0.00E+00 | 1.46E-02 | 5.25E-01 |
| E3000 | 8.90E-01 | 1.24E-01 | 0.00E+00 | 1.59E-02 | 1.03E+00 |
| E3003 | 3.70E-01 | 1.39E-01 | 0.00E+00 | 1.33E-02 | 5.23E-01 |



# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

**Table 50. Non-renewable energy resource results every interior paint product, per 1 m<sup>2</sup> for 60 years by design life (kg)**

| SKU   | Stage 1  | Stage 2  | Stage 3  | Stage 4  | Total    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 4.27E-01 | 7.86E-02 | 0.00E+00 | 1.83E-03 | 5.08E-01 |
| E1003 | 2.14E-01 | 1.41E-01 | 0.00E+00 | 1.52E-03 | 3.57E-01 |
| E2000 | 4.03E-01 | 7.45E-02 | 0.00E+00 | 1.37E-03 | 4.79E-01 |
| E2003 | 2.13E-01 | 1.35E-01 | 0.00E+00 | 1.06E-03 | 3.50E-01 |
| E3000 | 4.39E-01 | 7.23E-02 | 0.00E+00 | 1.13E-03 | 5.13E-01 |
| E3003 | 2.16E-01 | 1.31E-01 | 0.00E+00 | 7.30E-04 | 3.48E-01 |

**Table 51. Renewable energy resource results for every interior paint product, per 1 m<sup>2</sup> for 60 years by design life (kg)**

| SKU   | Stage 1  | Stage 2   | Stage 3  | Stage 4   | Total    |
|-------|----------|-----------|----------|-----------|----------|
| E1000 | 9.18E-02 | 1.23E-12  | 0.00E+00 | -3.71E-05 | 9.18E-02 |
| E1003 | 8.24E-02 | -4.55E-11 | 0.00E+00 | -3.41E-05 | 8.24E-02 |
| E2000 | 9.16E-02 | -5.98E-13 | 0.00E+00 | -3.70E-05 | 9.16E-02 |
| E2003 | 8.44E-02 | -4.68E-11 | 0.00E+00 | -3.37E-05 | 8.43E-02 |
| E3000 | 9.10E-02 | -1.57E-12 | 0.00E+00 | -3.69E-05 | 9.10E-02 |
| E3003 | 8.55E-02 | -4.76E-11 | 0.00E+00 | -3.34E-05 | 8.55E-02 |

**Table 52. Energy resource use results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life**

| SKU   | BIO<br>ENERGY<br><br>MJ | FOSSIL<br>ENERGY<br><br>MJ | HYDRO/WIND<br>ENERGY<br><br>MJ | NUCLEAR<br>ENERGY<br><br>MJ | OTHER<br>RENEWABLE<br>ENERGY<br><br>MJ | NON-<br>RENEWABLE<br>ENERGY<br>RESOURCES<br><br>KG | RENEWABLE<br>ENERGY<br>RESOURCES<br><br>KG |
|-------|-------------------------|----------------------------|--------------------------------|-----------------------------|----------------------------------------|----------------------------------------------------|--------------------------------------------|
| E1000 | 1.12E-10                | 6.09E+01                   | 2.17E+00                       | 4.07E+00                    | 3.02E+00                               | 1.52E+00                                           | 2.75E-01                                   |
| E1003 | 1.55E-11                | 4.53E+01                   | 9.24E-01                       | 1.84E+00                    | 1.66E+00                               | 1.07E+00                                           | 2.47E-01                                   |
| E2000 | 9.94E-11                | 5.76E+01                   | 2.00E+00                       | 3.73E+00                    | 2.89E+00                               | 1.44E+00                                           | 2.75E-01                                   |
| E2003 | 7.96E-12                | 4.45E+01                   | 9.06E-01                       | 1.84E+00                    | 1.57E+00                               | 1.05E+00                                           | 2.53E-01                                   |
| E3000 | 1.00E-10                | 6.11E+01                   | 2.28E+00                       | 4.25E+00                    | 3.09E+00                               | 1.54E+00                                           | 2.73E-01                                   |
| E3003 | 6.21E-12                | 4.42E+01                   | 9.32E-01                       | 1.88E+00                    | 1.57E+00                               | 1.04E+00                                           | 2.56E-01                                   |



# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

**Table 53. Bio-energy results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life (MJ)**

| SKU   | Stage 1  | Stage 2   | Stage 3  | Stage 4   | Total    |
|-------|----------|-----------|----------|-----------|----------|
| E1000 | 1.31E-10 | -1.59E-11 | 0.00E+00 | -4.05E-12 | 1.12E-10 |
| E1003 | 7.80E-11 | -5.87E-11 | 0.00E+00 | -3.75E-12 | 1.55E-11 |
| E2000 | 1.20E-10 | -1.62E-11 | 0.00E+00 | -4.12E-12 | 9.94E-11 |
| E2003 | 7.00E-11 | -5.83E-11 | 0.00E+00 | -3.79E-12 | 7.96E-12 |
| E3000 | 1.21E-10 | -1.63E-11 | 0.00E+00 | -4.15E-12 | 1.00E-10 |
| E3003 | 6.79E-11 | -5.79E-11 | 0.00E+00 | -3.81E-12 | 6.21E-12 |

**Table 54. Fossil energy results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life (MJ)**

| SKU   | Stage 1  | Stage 2  | Stage 3  | Stage 4  | Total    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 5.08E+01 | 9.88E+00 | 0.00E+00 | 2.29E-01 | 6.09E+01 |
| E1003 | 2.74E+01 | 1.76E+01 | 0.00E+00 | 1.92E-01 | 4.53E+01 |
| E2000 | 4.81E+01 | 9.36E+00 | 0.00E+00 | 1.76E-01 | 5.76E+01 |
| E2003 | 2.74E+01 | 1.69E+01 | 0.00E+00 | 1.38E-01 | 4.45E+01 |
| E3000 | 5.19E+01 | 9.08E+00 | 0.00E+00 | 1.47E-01 | 6.11E+01 |
| E3003 | 2.77E+01 | 1.64E+01 | 0.00E+00 | 9.92E-02 | 4.42E+01 |

**Table 55. Hydro/ Wind energy results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life (MJ)**

| SKU   | Stage 1  | Stage 2  | Stage 3  | Stage 4  | Total    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 2.06E+00 | 9.16E-02 | 0.00E+00 | 1.26E-02 | 2.17E+00 |
| E1003 | 6.98E-01 | 2.14E-01 | 0.00E+00 | 1.09E-02 | 9.24E-01 |
| E2000 | 1.90E+00 | 8.87E-02 | 0.00E+00 | 1.06E-02 | 2.00E+00 |
| E2003 | 6.88E-01 | 2.09E-01 | 0.00E+00 | 8.85E-03 | 9.06E-01 |
| E3000 | 2.18E+00 | 8.71E-02 | 0.00E+00 | 9.55E-03 | 2.28E+00 |
| E3003 | 7.20E-01 | 2.05E-01 | 0.00E+00 | 7.38E-03 | 9.32E-01 |



# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

**Table 56. Nuclear energy results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life (MJ)**

| SKU   | Stage 1  | Stage 2  | Stage 3  | Stage 4   | Total    |
|-------|----------|----------|----------|-----------|----------|
| E1000 | 3.91E+00 | 1.66E-01 | 0.00E+00 | -3.72E-03 | 4.07E+00 |
| E1003 | 1.44E+00 | 3.99E-01 | 0.00E+00 | -3.99E-03 | 1.84E+00 |
| E2000 | 3.58E+00 | 1.61E-01 | 0.00E+00 | -5.30E-03 | 3.73E+00 |
| E2003 | 1.46E+00 | 3.90E-01 | 0.00E+00 | -5.50E-03 | 1.84E+00 |
| E3000 | 4.09E+00 | 1.59E-01 | 0.00E+00 | -6.14E-03 | 4.25E+00 |
| E3003 | 1.51E+00 | 3.82E-01 | 0.00E+00 | -6.57E-03 | 1.88E+00 |

**Table 57. Other energy results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life (MJ)**

| SKU   | Stage 1  | Stage 2  | Stage 3  | Stage 4  | Total    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 2.55E+00 | 4.22E-01 | 0.00E+00 | 5.49E-02 | 3.02E+00 |
| E1003 | 1.13E+00 | 4.81E-01 | 0.00E+00 | 4.89E-02 | 1.66E+00 |
| E2000 | 2.45E+00 | 3.89E-01 | 0.00E+00 | 5.01E-02 | 2.89E+00 |
| E2003 | 1.09E+00 | 4.45E-01 | 0.00E+00 | 4.38E-02 | 1.57E+00 |
| E3000 | 2.67E+00 | 3.72E-01 | 0.00E+00 | 4.76E-02 | 3.09E+00 |
| E3003 | 1.11E+00 | 4.18E-01 | 0.00E+00 | 4.00E-02 | 1.57E+00 |

**Table 58. Non-renewable resource results for every interior paint product, per 1 m<sup>2</sup> for 60 years by market life (kg)**

| SKU   | Stage 1  | Stage 2  | Stage 3  | Stage 4  | Total    |
|-------|----------|----------|----------|----------|----------|
| E1000 | 1.28E+00 | 2.36E-01 | 0.00E+00 | 5.48E-03 | 1.52E+00 |
| E1003 | 6.42E-01 | 4.23E-01 | 0.00E+00 | 4.57E-03 | 1.07E+00 |
| E2000 | 1.21E+00 | 2.24E-01 | 0.00E+00 | 4.11E-03 | 1.44E+00 |
| E2003 | 6.40E-01 | 4.06E-01 | 0.00E+00 | 3.18E-03 | 1.05E+00 |
| E3000 | 1.32E+00 | 2.17E-01 | 0.00E+00 | 3.38E-03 | 1.54E+00 |
| E3003 | 6.48E-01 | 3.94E-01 | 0.00E+00 | 2.19E-03 | 1.04E+00 |





Table 59. Renewable resource results for every interior paint product, per 1 m² for 60 years by market life (kg)

| SKU   | Stage 1  | Stage 2   | Stage 3  | Stage 4   | Total    |
|-------|----------|-----------|----------|-----------|----------|
| E1000 | 2.75E-01 | 3.70E-12  | 0.00E+00 | -1.11E-04 | 2.75E-01 |
| E1003 | 2.47E-01 | -1.37E-10 | 0.00E+00 | -1.02E-04 | 2.47E-01 |
| E2000 | 2.75E-01 | -1.79E-12 | 0.00E+00 | -1.11E-04 | 2.75E-01 |
| E2003 | 2.53E-01 | -1.40E-10 | 0.00E+00 | -1.01E-04 | 2.53E-01 |
| E3000 | 2.73E-01 | -4.72E-12 | 0.00E+00 | -1.11E-04 | 2.73E-01 |
| E3003 | 2.57E-01 | -1.43E-10 | 0.00E+00 | -1.00E-04 | 2.56E-01 |

4. Additional Environmental Information

4.1. Environmental Activities and Certifications



GREENGUARD Certification

Behr® ECOMIX™ Interior Plant-Based Paint & Primer products are GREENGUARD and GREENGUARD Gold Certified. This third-party certification assures our paints are low-emitting and contribute to healthy indoor environments.

GREENGUARD Certification establishes acceptable indoor air standards for indoor products, environments, and buildings. GREENGUARD Gold Certification offers stricter certification criteria, considers safety factors to account for sensitive individuals (such as children and the elderly), and ensures that a product is acceptable for use in environments such as schools and healthcare facilities.

GREENGUARD certified products are referenced standards in numerous sustainable building initiatives including Leadership in Energy and Environmental Design (LEED®), Collaborative for High Performance Schools (CHPS), Green Guide for Health Care (GGHC), Sustainable Building Industry Council (SBIC) and many others. For more information on the GREENGUARD Certification Program emission standards visit: <https://www.ul.com/services/ul-greenguard-certification>.



USDA Certified Biobased

Behr® ECOMIX™ Interior Plant-Based Paint & Primer products are USDA Certified Biobased. This third-party certification confirms that this paint contains a minimum of 20% biobased content.

Biobased products that are certified through the USDA BioPreferred Program’s Voluntary Labeling Initiative are allowed to display the USDA Certified Biobased Product label on their packaging. This label confirms that the biobased product has been third-party tested and verified for its percent biobased content. For more information on the USDA BioPreferred program, visit: <https://biopreferred.gov/>





Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930



## Asthma & Allergy Friendly®

Behr® ECOMIX™ Interior Plant-Based Paint & Primer products are certified Asthma & Allergy Friendly®. The Asthma & Allergy Friendly® Certification Program is a unique, groundbreaking collaboration between the Asthma and Allergy Foundation of America (AAFA) and Allergy Standards Limited (ASL). The program tests and certifies products against strict standards to prove their suitability for people with asthma and allergies. Products passing these tests earn the Asthma & Allergy Friendly® Certification Mark. The Certification Program works with retailers and manufacturers to offer consumers products for a healthier home. For more information on the Asthma & Allergy Friendly® Certification Program, please visit: <https://aafa.org/>

## 4.2. Further Information

For further information visit [behr.com](http://behr.com) and [kilz.com](http://kilz.com).

## 5. References

- |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LCA EF 2023 | Sphera Solutions Inc; Life Cycle Assessment for Experts: Software-System and Database for Life Cycle Engineering. Chicago, IL, USA, 1992-2023. <a href="https://sphera.com/life-cycle-assessment-lca-database/">https://sphera.com/life-cycle-assessment-lca-database/</a>                                                                                                                                                                                              |
| IPCC 2013   | IPCC. (2013). <i>Climate Change 2013: The Physical Science Basis</i> . Genf, Schweiz: IPCC.                                                                                                                                                                                                                                                                                                                                                                             |
| ISO 14025   | ISO 14025:2011-10 Environmental labels and declarations - Type III environmental declarations - Principles and procedures                                                                                                                                                                                                                                                                                                                                               |
| ISO 14040   | ISO 14040:2009-11 Environmental management - Life cycle assessment - Principles and framework                                                                                                                                                                                                                                                                                                                                                                           |
| ISO 14044   | ISO 14044:2006-10 Environmental management - Life cycle assessment - Requirements and guidelines                                                                                                                                                                                                                                                                                                                                                                        |
| NSF 2015    | NSF. (2015). <i>Product Category Rule (PCR) for Architectural Coatings</i> . USA: NSF: <a href="https://d2evkimvhatqav.cloudfront.net/documents/pcr_architectural_coatings_2022_ext.pdf?v=1657221210">https://d2evkimvhatqav.cloudfront.net/documents/pcr_architectural_coatings_2022_ext.pdf?v=1657221210</a>                                                                                                                                                          |
| USEPA 2012  | NUS Environmental Protection Agency. (2012). <i>Tool for the Reduction and Assessment of Chemical and other Environmental Impacts (TRACI) – User's Manual</i> . Washington, D.C.: U.S. EPA.                                                                                                                                                                                                                                                                             |
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# ENVIRONMENTAL PRODUCT DECLARATION



Behr® ECOMIX™ Interior Plant-Based Paint & Primer



According to ISO 14025,  
ISO 21930

## 6. Contact Information

### 6.1. Study Commissioner



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### 6.2. LCA Practitioner



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