

## ENVIRONMENTAL PRODUCT DECLARATION

# BEHR PREMIUM PLUS® INTERIOR PAINTS

INTERIOR PAINTS



BEHR PREMIUM PLUS® - Interior is a GREENGUARD® Gold certified 100% acrylic, low odor paint and primer.

*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.*



Behr Paint Company, home to Behr Process LLC and Masterchem Industries LLC, the makers of BEHR® and KILZ® Brands respectively, is one of the largest manufacturers and suppliers of paint, primers, stains and surface finish products to Do-it-Yourselfers and Professionals. Sustainability is the 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 Declarations (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)



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Premium Plus® Interior Paints

According to ISO 14025,  
and ISO21930

EPD PROGRAM AND PROGRAM OPERATOR NAME, ADDRESS, LOGO, AND WEBSITE	UL Solutions 333 Pfingsten Rd, Northbrook IL, 60062 www.ul.com www.spot.ul.com
GENERAL PROGRAM INSTRUCTIONS AND VERSION NUMBER	Program Operator Rules v 2.7 2022
MANUFACTURER NAME AND ADDRESS	Behr Process LLC 1801 E St Andrew Pl, Santa Ana, CA 92705
DECLARATION NUMBER	4791080617.101.2
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	May 1, 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. <input type="checkbox"/> INTERNAL <input checked="" type="checkbox"/> EXTERNAL	<i>Cooper McCollum</i> Cooper McCollum, UL Solutions
	Sphera
This life cycle assessment was conducted in accordance with ISO 14040/44 and the reference PCR by:	
This life cycle assessment was independently verified in accordance with ISO 14044 and the reference PCR by:	<i>Maggie Wildnauer</i> Maggie Wildnauer, WAP Sustainability

## 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.



Premium Plus® Interior Paint



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## 1. Product Definition and Information

### 1.1. Description of Company/Organization

*Founded in 1947, Behr Paint Company is one of the largest manufacturers of paints, primers, decorative finishes, stains, surface preparation and application products for do-it-yourselfers and professionals in the United States, Canada, and Mexico. The Santa Ana, Calif.-based company, and maker of the most trusted paint brand in America BEHR®, along with the KILZ® and WHIZZ® brands, are dedicated to meeting the project needs of DIYers, designers and professional paint contractors with an unwavering commitment to quality, innovation, and value.*

### 1.2. Product Description

#### Product Identification

The Behr Premium Plus® Interior Paints are a GREENGUARD® Gold certified 100% acrylic, Paint & Primer that contain low VOC and provide exceptional value and durability. They seal both uncoated and previously painted surfaces to create a finish that resists mildew, stains, moisture and wear, and stands up to scrubbing. The Behr Premium Plus® Interior product line includes the following sheens: 1050 Flat, 2050 Eggshell, 3050 Satin, 7050 Semi-gloss, and High Gloss, and is available in half-pint, quart, gallon, two-gallon, and 5-gallon size containers. There are tint bases offered for all sheens in the series as follows: White, Medium, and Deep Bases that allow custom tinting to any desired color.

#### Product Specification

Behr Premium Plus® offers exceptional durability and hide with a finish that resists mildew and stains. In addition, you'll enjoy the benefits of a low odor paint. Premium Plus® is highly ranked by independent 3rd party labs and meets LEED and GREENGUARD® GOLD requirements. Premium Plus® Interior's foolproof formula is easy to apply, and its excellent hide ensures stress-free coverage, wall-to-wall. With superior stain-blocking & stain resisting benefits, your walls will endure whatever life throws their way. With advanced scrubability, it is easy to maintain the color and finish for years to come.





Flow Diagram

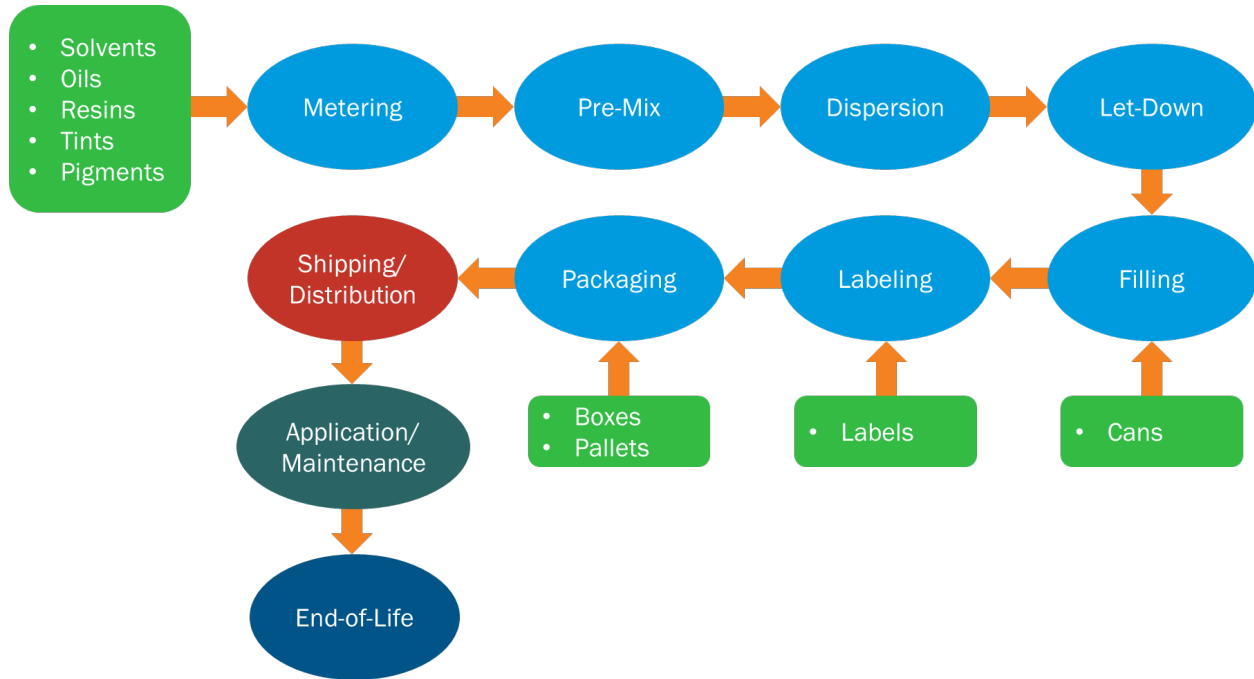


Figure 1. Flow diagram for cradle-to-grave LCA of Behr Premium Plus® Interior Paint.

1.3. Application

The Behr Premium Plus® Interior Paints are an acrylic, Paint & Primer that seal both uncoated and previously painted surfaces to create a finish that resists mildew, stains, moisture and wear, and stands up to scrubbing. It can be applied with brushes, rollers, or sprayers. The VOC emissions associated with each SKU after application are shown in Table. The test method used was the California Department of Public Health (CDPH) Standard method, a revised and expanded standard based on California Specification 01350..

Table 1. VOC emissions for each paint (g/L of paint)

	1050	1400	1300A	2050	2400	2300	3050	3400	3300	7050	7400	7300	8050	8400	8300
VOC (g/L of paint)	2.35	2.11	1.99	2.47	2.62	2.58	2.75	2.71	2.58	3.19	3.33	2.68	135	144	116





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1.4. Material Composition

The material composition of the paints in the product line are shown through Table 1 to Table 5.

**Table 2. Material composition range in % by mass for the Flat Behr Premium Plus® Interior Paints**

MATERIAL- FLAT	1050	1400	1300A
Acrylic Resin	27.98%	29.08%	36.69%
Additive	0.13%	0.09%	0.00%
Attapulgite Clay	0.33%	0.42%	0.75%
Coalescent	1.12%	0.35%	0.33%
Defoamer	0.42%	0.44%	0.65%
Dispersant	2.00%	1.46%	1.15%
Fungicide & Algaecide	0.00%	0.00%	0.00%
Kaolin	12.18%	10.48%	0.00%
Mica	0.00%	0.00%	0.00%
Nepheline syenite	10.51%	13.10%	31.36%
pH Buffer	0.20%	0.24%	0.33%
Preservative	0.48%	0.50%	0.53%
Rheology Modifier	3.00%	3.69%	4.35%
Slip Agent	0.00%	0.00%	0.00%
Solvent	0.00%	0.00%	0.00%
Stain Blocker	0.00%	0.00%	0.00%
Styrene Acrylic Latex	2.00%	3.49%	0.75%
Surfactant	0.25%	0.52%	0.25%
Titanium dioxide	26.40%	17.81%	0.00%
Water	12.99%	18.31%	22.86%
Zinc Oxide	0.03%	0.03%	0.00%

**Table 3. Material composition range in % by mass for the Eggshell Behr Premium Plus® Interior Paints**

MATERIAL- EGGSHELL	2050	2400	2300
Acrylic Resin	36.77%	43.24%	48.94%
Additive	0.00%	0.00%	0.00%
Attapulgite Clay	0.45%	0.59%	0.83%
Coalescent	1.16%	0.94%	0.52%
Defoamer	0.27%	0.28%	0.36%
Dispersant	1.34%	0.47%	0.00%
Fungicide & Algaecide	0.00%	0.00%	0.00%



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MATERIAL- EGGSHELL	2050	2400	2300
Kaolin	0.00%	0.00%	0.00%
Mica	0.00%	0.00%	0.00%
Nepheline syenite	12.83%	13.20%	15.62%
pH Buffer	0.31%	0.33%	0.36%
Preservative	0.52%	0.54%	0.59%
Rheology Modifier	2.96%	3.61%	5.08%
Slip Agent	0.00%	0.00%	0.00%
Solvent	0.00%	0.00%	0.00%
Stain Blocker	0.00%	0.00%	0.52%
Styrene Acrylic Latex	4.64%	0.00%	0.63%
Surfactant	0.40%	0.25%	0.88%
Titanium dioxide	23.20%	18.20%	0.00%
Water	15.16%	17.79%	25.67%
Zinc Oxide	0.00%	0.00%	0.00%

**Table 4. Material composition range in % by mass for the Satin Behr Premium Plus® Interior Paints**

MATERIAL - SATIN	3050	3400	3300
Acrylic Resin	40.92%	43.76%	57.14%
Additive	0.00%	0.00%	0.00%
Attapulgite Clay	0.34%	0.46%	0.68%
Coalescent	0.96%	1.13%	0.57%
Defoamer	0.51%	0.57%	0.28%
Dispersant	0.96%	0.72%	0.28%
Fungicide & Algacide	0.00%	0.00%	0.00%
Kaolin	0.00%	0.00%	2.26%
Mica	0.00%	0.00%	0.00%
Nepheline syenite	1.93%	1.85%	0.57%
pH Buffer	0.34%	0.31%	0.34%
Preservative	0.55%	0.59%	0.65%
Rheology Modifier	4.60%	4.99%	5.32%
Slip Agent	0.00%	0.00%	0.00%
Solvent	0.00%	0.00%	0.00%
Stain Blocker	0.00%	0.31%	0.91%
Styrene Acrylic Latex	3.85%	4.63%	1.13%
Surfactant	0.39%	0.36%	0.24%



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MATERIAL - SATIN	3050	3400	3300
Titanium dioxide	27.36%	17.40%	0.00%
Water	17.28%	22.88%	29.64%
Zinc Oxide	0.03%	0.03%	0.00%

**Table 5. Material composition range in % by mass for the Semi-gloss Behr Premium Plus® Interior Paints**

MATERIAL - SEMI GLOSS	7050	7400	7300
Acrylic Resin	39.44%	45.27%	53.71%
Additive	0.00%	0.00%	0.00%
Attapulgitte Clay	0.37%	0.49%	0.82%
Coalescent	0.89%	1.17%	0.55%
Defoamer	0.35%	0.54%	0.49%
Dispersant	0.73%	0.58%	0.00%
Fungicide & Algaecide	0.00%	0.00%	0.00%
Kaolin	0.00%	0.00%	0.00%
Mica	0.00%	0.00%	0.00%
Nepheline syenite	6.88%	8.28%	7.67%
pH Buffer	0.28%	0.29%	0.38%
Preservative	0.53%	0.56%	0.63%
Rheology Modifier	3.47%	3.51%	6.06%
Slip Agent	0.00%	0.00%	0.00%
Solvent	0.00%	0.00%	0.00%
Stain Blocker	0.00%	0.44%	0.88%
Styrene Acrylic Latex	4.59%	3.90%	0.99%
Surfactant	0.39%	0.26%	0.56%
Titanium dioxide	26.75%	18.69%	0.00%
Water	15.35%	16.04%	27.27%
Zinc Oxide	0.00%	0.00%	0.00%

**Table 6. Material composition range in % by mass for the High gloss Behr Premium Plus® Interior Paints**

MATERIAL - HIGH GLOSS	8050	8400	8300
Acrylic Resin	53.40%	57.42%	75.50%
Additive	0.00%	0.00%	0.00%
Attapulgitte Clay	0.00%	0.00%	0.00%
Coalescent	2.91%	3.11%	3.37%



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MATERIAL - HIGH GLOSS	8050	8400	8300
Defoamer	0.05%	0.09%	0.29%
Dispersant	0.27%	0.62%	0.74%
Fungicide & Algaecide	0.48%	0.51%	0.57%
Kaolin	0.00%	0.00%	0.00%
Mica	0.00%	0.00%	0.00%
Nepheline syenite	0.00%	0.00%	0.00%
pH Buffer	0.14%	0.24%	0.27%
Preservative	0.42%	0.43%	0.43%
Rheology Modifier	2.81%	3.36%	3.48%
Slip Agent	0.03%	0.04%	0.04%
Solvent	1.34%	1.11%	1.14%
Stain Blocker	0.00%	0.00%	0.29%
Styrene Acrylic Latex	0.00%	0.00%	0.00%
Surfactant	0.25%	0.42%	0.34%
Titanium dioxide	29.56%	21.29%	0.00%
Water	8.34%	11.35%	13.54%
Zinc Oxide	0.00%	0.00%	0.00%

## 1.5. Manufacturing

As shown in Figure 1, manufacturing begins with metering, followed by, pre-mix, dispersion, and let-down. The paint is then poured into, jars, cans, and pails, which are then labeled, boxed, and loaded on to pallet for distribution.

## 1.6. Packaging

Table 2 provides descriptions, volumes, and materials for the primary paint packaging used for Behr Premium Plus® Interior Paint. These packages are then placed in cardboard boxes and loaded onto heat-treated wooden pallets for distribution.

**Table 7. Description of primary paint packaging.**

CONTAINER	VOLUME	MATERIAL
Jar	Half-pint	High Density Polyethylene
Can	Quart or Gallon	Polypropylene
Pail	2 Gallons or 5 Gallons	High Density Polyethylene

## 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.







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**1.8. Product Installation and Use**

Behr Premium Plus® Interior Paint can be applied using brushes, rollers, or sprayers. 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 Behr Premium Plus® Interior Paints are low-VOC paint products.

**1.9. Reference Service Life and Estimated Building Service Life**

Table 3 shows the design lifetime for interior and exterior paints of different quality. The entire Behr Premium Plus® Interior Paint 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 8. Design lifetime of paints**

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

**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 2. Lifetimes and reference flows for each sheen and



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base combination are shown in Table 3. Results were calculated for all base and sheen formulations.

For further technical information on Behr Premium Plus® Interior Paints, visit [www.behr.com](http://www.behr.com).

**Table 9. 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> )
1050	Flat	White	15	5	0.148	0.0047
1400	Flat	Medium	15	5	0.140	0.0126
1300A	Flat	Deep	15	5	0.133	0.0159
2050	Eggshell	White	15	5	0.134	0.0047
2400	Eggshell	Medium	15	5	0.130	0.0126
2300	Eggshell	Deep	15	5	0.117	0.0159
3050	Satin	White	15	5	0.128	0.0047
3400	Satin	Medium	15	5	0.119	0.0126
3300	Satin	Deep	15	5	0.108	0.0159
7050	Semi-gloss	White	15	5	0.130	0.0047
7400	Semi-gloss	Medium	15	5	0.125	0.0126
7300	Semi-gloss	Deep	15	5	0.113	0.0159
8050	High gloss	White	15	5	0.128	0.0047
8400	High gloss	Medium	15	5	0.121	0.0126
8300	High gloss	Deep	15	5	0.107	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 Premium Plus® Interior Paint sold in the North American market for the reference year 2021.





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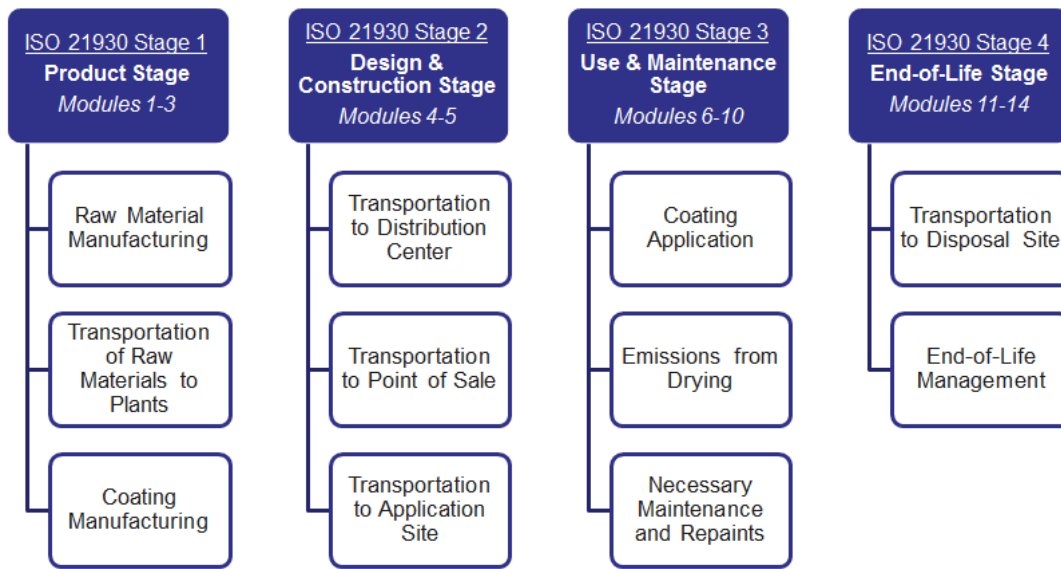


Figure 2. System boundaries for cradle to grave LCA

**2.3. Estimates and Assumptions**

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

**2.4. Cut-off Criteria**

No cut-off criteria are 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 were obtained from Behr's six Behr Premium Plus® production facilities, one each in Chicago Heights, IL; Allentown, PA; Roanoke, TX; and Atlanta, GA; and two in Santa Ana, CA for the 2021 reference year. Background data were obtained from the GaBi 2023.1 database and are 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 six facilities were allocated to each paint product by volume.





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### 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 5). 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 17, respectively.

Furthermore, the results of each impact category for each stage are presented through Table 11 to Table 16 and from Table 18 to Table 23. Additionally, the LCI results for each stage are presented for each product (both market life and design life). Also, the total LCI results for each impact category are mentioned in this section.

#### 3.1. Life Cycle Impact Assessment Results

Table 10. Environmental impact categories for North America

PARAMETER	DESCRIPTION	LCIA METHOD	UNIT
GWP	Global warming potential, fossil	IPCCC 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



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**Table 11. Total LCIA results for every paint product, interior paint, per 1 m<sup>2</sup> for 60 years by design life**

SKU	GWP KG CO <sub>2</sub> EQ.	AP KG SO <sub>2</sub> EQ.	EP KG N EQ.	ODP KG CFC-11 EQ.	SFP KG O <sub>3</sub> EQ.	ADP <sub>F</sub> MJ
1050	1.33E+00	2.34E-02	3.55E-04	4.26E-14	5.59E-02	2.40E+01
1400	1.16E+00	1.48E-02	3.08E-04	3.29E-14	4.55E-02	2.25E+01
1030A	8.79E-01	1.94E-03	2.53E-04	2.07E-14	3.31E-02	1.94E+01
2050	1.25E+00	1.89E-02	3.25E-04	3.94E-14	5.13E-02	2.38E+01
2400	1.18E+00	1.42E-02	2.97E-04	3.50E-14	4.56E-02	2.38E+01
2300	8.99E-01	1.88E-03	2.36E-04	2.22E-14	3.19E-02	2.03E+01
3050	1.30E+00	2.11E-02	3.23E-04	4.20E-14	5.24E-02	2.47E+01
3400	1.12E+00	1.24E-02	2.73E-04	3.33E-14	4.19E-02	2.30E+01
3300	8.94E-01	1.81E-03	2.18E-04	2.30E-14	3.01E-02	2.06E+01
7050	1.30E+00	2.10E-02	3.27E-04	4.15E-14	5.34E-02	2.46E+01
7400	1.21E+00	1.41E-02	2.95E-04	3.62E-14	4.67E-02	2.46E+01
7300	9.08E-01	1.88E-03	2.28E-04	2.31E-14	3.15E-02	2.07E+01
8050	1.54E+00	2.49E-02	3.61E-04	5.33E-14	2.10E-01	2.97E+01
8400	1.40E+00	1.69E-02	3.20E-04	4.55E-14	2.11E-01	2.87E+01
8300	1.10E+00	2.21E-03	2.48E-04	3.21E-14	1.64E-01	2.57E+01

**Table 12. GWP LCIA results for every paint product, interior paint, 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
1050	1.14E+00	1.78E-01	0.00E+00	1.50E-02	1.33E+00
1400	8.90E-01	2.51E-01	0.00E+00	1.42E-02	1.16E+00
1030A	5.90E-01	2.76E-01	0.00E+00	1.35E-02	8.79E-01
2050	1.07E+00	1.66E-01	0.00E+00	1.36E-02	1.25E+00
2400	9.28E-01	2.42E-01	0.00E+00	1.32E-02	1.18E+00
2300	6.27E-01	2.60E-01	0.00E+00	1.20E-02	8.99E-01
3050	1.12E+00	1.61E-01	0.00E+00	1.31E-02	1.30E+00
3400	8.72E-01	2.32E-01	0.00E+00	1.21E-02	1.12E+00
3300	6.33E-01	2.50E-01	0.00E+00	1.11E-02	8.94E-01
7050	1.12E+00	1.63E-01	0.00E+00	1.33E-02	1.30E+00



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SKU	STAGE 1	STAGE 2	STAGE 3	STAGE 4	TOTAL
7400	9.56E-01	2.38E-01	0.00E+00	1.28E-02	1.21E+00
7300	6.41E-01	2.55E-01	0.00E+00	1.15E-02	9.08E-01
8050	1.35E+00	1.76E-01	0.00E+00	1.31E-02	1.54E+00
8400	1.12E+00	2.59E-01	0.00E+00	1.24E-02	1.40E+00
8300	8.11E-01	2.74E-01	0.00E+00	1.10E-02	1.10E+00

Table 13. AP LCIA results for every paint product, interior paint, 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
1050	2.30E-02	3.49E-04	0.00E+00	7.24E-05	2.34E-02
1400	1.43E-02	4.61E-04	0.00E+00	6.84E-05	1.48E-02
1030A	1.37E-03	4.96E-04	0.00E+00	6.51E-05	1.94E-03
2050	1.85E-02	3.23E-04	0.00E+00	6.52E-05	1.89E-02
2400	1.37E-02	4.41E-04	0.00E+00	6.33E-05	1.42E-02
2300	1.36E-03	4.64E-04	0.00E+00	5.72E-05	1.88E-03
3050	2.07E-02	3.13E-04	0.00E+00	6.26E-05	2.11E-02
3400	1.20E-02	4.20E-04	0.00E+00	5.78E-05	1.24E-02
3300	1.31E-03	4.45E-04	0.00E+00	5.26E-05	1.81E-03
7050	2.06E-02	3.17E-04	0.00E+00	6.36E-05	2.10E-02
7400	1.36E-02	4.33E-04	0.00E+00	6.12E-05	1.41E-02
7300	1.37E-03	4.55E-04	0.00E+00	5.49E-05	1.88E-03
8050	2.45E-02	3.43E-04	0.00E+00	6.24E-05	2.49E-02
8400	1.63E-02	4.71E-04	0.00E+00	5.89E-05	1.69E-02
8300	1.67E-03	4.86E-04	0.00E+00	5.20E-05	2.21E-03

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

SKU	STAGE 1	STAGE 2	STAGE 3	STAGE 4	TOTAL
1050	1.86E-04	5.11E-05	0.00E+00	1.18E-04	3.55E-04
1400	1.45E-04	5.21E-05	0.00E+00	1.11E-04	3.08E-04
1030A	9.59E-05	5.12E-05	0.00E+00	1.06E-04	2.53E-04
2050	1.72E-04	4.63E-05	0.00E+00	1.07E-04	3.25E-04
2400	1.45E-04	4.87E-05	0.00E+00	1.03E-04	2.97E-04



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SKU	STAGE 1	STAGE 2	STAGE 3	STAGE 4	TOTAL
2300	9.63E-05	4.59E-05	0.00E+00	9.35E-05	2.36E-04
3050	1.76E-04	4.46E-05	0.00E+00	1.02E-04	3.23E-04
3400	1.33E-04	4.50E-05	0.00E+00	9.46E-05	2.73E-04
3300	8.90E-05	4.28E-05	0.00E+00	8.62E-05	2.18E-04
7050	1.77E-04	4.53E-05	0.00E+00	1.04E-04	3.27E-04
7400	1.48E-04	4.73E-05	0.00E+00	9.99E-05	2.95E-04
7300	9.41E-05	4.44E-05	0.00E+00	8.99E-05	2.28E-04
8050	2.10E-04	4.88E-05	0.00E+00	1.02E-04	3.61E-04
8400	1.73E-04	5.08E-05	0.00E+00	9.67E-05	3.20E-04
8300	1.15E-04	4.66E-05	0.00E+00	8.56E-05	2.48E-04

Table 15. ODP LCIA results for every paint product, interior paint, 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
1050	4.09E-14	1.15E-15	0.00E+00	5.22E-16	4.26E-14
1400	2.99E-14	2.42E-15	0.00E+00	4.92E-16	3.29E-14
1030A	1.74E-14	2.88E-15	0.00E+00	4.66E-16	2.07E-14
2050	3.78E-14	1.12E-15	0.00E+00	4.57E-16	3.94E-14
2400	3.22E-14	2.38E-15	0.00E+00	4.47E-16	3.50E-14
2300	1.90E-14	2.81E-15	0.00E+00	3.95E-16	2.22E-14
3050	4.04E-14	1.11E-15	0.00E+00	4.32E-16	4.20E-14
3400	3.05E-14	2.34E-15	0.00E+00	3.98E-16	3.33E-14
3300	1.99E-14	2.76E-15	0.00E+00	3.55E-16	2.30E-14
7050	4.00E-14	1.11E-15	0.00E+00	4.42E-16	4.15E-14
7400	3.34E-14	2.37E-15	0.00E+00	4.28E-16	3.62E-14
7300	1.99E-14	2.79E-15	0.00E+00	3.75E-16	2.31E-14
8050	5.16E-14	1.21E-15	0.00E+00	4.18E-16	5.33E-14
8400	4.25E-14	2.61E-15	0.00E+00	3.94E-16	4.55E-14
8300	2.87E-14	3.03E-15	0.00E+00	3.38E-16	3.21E-14



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**Table 16. SFP LCIA results for every paint product, interior paint, 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
1050	4.55E-02	6.35E-03	2.65E-03	1.31E-03	5.59E-02
1400	3.49E-02	6.96E-03	2.38E-03	1.24E-03	4.55E-02
1030A	2.26E-02	7.05E-03	2.25E-03	1.18E-03	3.31E-02
2050	4.15E-02	5.79E-03	2.79E-03	1.18E-03	5.13E-02
2400	3.50E-02	6.56E-03	2.96E-03	1.15E-03	4.56E-02
2300	2.16E-02	6.41E-03	2.91E-03	1.03E-03	3.19E-02
3050	4.26E-02	5.58E-03	3.10E-03	1.13E-03	5.24E-02
3400	3.17E-02	6.12E-03	3.06E-03	1.05E-03	4.19E-02
3300	2.03E-02	6.03E-03	2.91E-03	9.50E-04	3.01E-02
7050	4.30E-02	5.66E-03	3.60E-03	1.15E-03	5.34E-02
7400	3.54E-02	6.39E-03	3.76E-03	1.11E-03	4.67E-02
7300	2.13E-02	6.22E-03	3.02E-03	9.93E-04	3.15E-02
8050	5.02E-02	6.11E-03	1.52E-01	1.13E-03	2.10E-01
8400	4.05E-02	6.89E-03	1.62E-01	1.06E-03	2.11E-01
8300	2.56E-02	6.58E-03	1.30E-01	9.38E-04	1.64E-01

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

SKU	STAGE 1	STAGE 2	STAGE 3	STAGE 4	TOTAL
1050	2.10E+01	2.98E+00	0.00E+00	7.32E-02	2.40E+01
1400	1.73E+01	5.10E+00	0.00E+00	6.90E-02	2.25E+01
1030A	1.35E+01	5.84E+00	0.00E+00	6.26E-02	1.94E+01
2050	2.10E+01	2.82E+00	0.00E+00	5.24E-02	2.38E+01
2400	1.88E+01	4.97E+00	0.00E+00	5.47E-02	2.38E+01
2300	1.47E+01	5.62E+00	0.00E+00	4.09E-02	2.03E+01
3050	2.19E+01	2.76E+00	0.00E+00	4.47E-02	2.47E+01
3400	1.81E+01	4.82E+00	0.00E+00	3.96E-02	2.30E+01
3300	1.51E+01	5.48E+00	0.00E+00	2.87E-02	2.06E+01
7050	2.18E+01	2.79E+00	0.00E+00	4.76E-02	2.46E+01
7400	1.96E+01	4.91E+00	0.00E+00	4.87E-02	2.46E+01
7300	1.52E+01	5.55E+00	0.00E+00	3.48E-02	2.07E+01





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SKU	STAGE 1	STAGE 2	STAGE 3	STAGE 4	TOTAL
8050	2.66E+01	3.02E+00	0.00E+00	3.07E-02	2.97E+01
8400	2.33E+01	5.38E+00	0.00E+00	2.83E-02	2.87E+01
8300	1.97E+01	5.99E+00	0.00E+00	1.47E-02	2.57E+01

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

SKU	GWP KG CO <sub>2</sub> EQ.	AP KG SO <sub>2</sub> EQ.	EP KG N EQ.	ODP KG CFC 11 EQ.	SFP KG O <sub>3</sub> EQ.	ADP <sub>F</sub> MJ
1050	4.00E+00	7.02E-02	1.06E-03	1.28E-13	1.68E-01	7.20E+01
1400	3.47E+00	4.45E-02	9.24E-04	9.86E-14	1.36E-01	6.74E+01
1030A	2.64E+00	5.81E-03	7.59E-04	6.22E-14	9.92E-02	5.81E+01
2050	3.75E+00	5.68E-02	9.74E-04	1.18E-13	1.54E-01	7.15E+01
2400	3.55E+00	4.26E-02	8.92E-04	1.05E-13	1.37E-01	7.13E+01
2300	2.70E+00	5.64E-03	7.07E-04	6.67E-14	9.58E-02	6.10E+01
3050	3.90E+00	6.34E-02	9.69E-04	1.26E-13	1.57E-01	7.41E+01
3400	3.35E+00	3.73E-02	8.19E-04	9.98E-14	1.26E-01	6.89E+01
3300	2.68E+00	5.43E-03	6.54E-04	6.91E-14	9.04E-02	6.17E+01
7050	3.90E+00	6.31E-02	9.80E-04	1.25E-13	1.60E-01	7.39E+01
7400	3.62E+00	4.23E-02	8.85E-04	1.08E-13	1.40E-01	7.37E+01
7300	2.72E+00	5.64E-03	6.85E-04	6.93E-14	9.45E-02	6.22E+01
8050	4.62E+00	7.47E-02	1.08E-03	1.60E-13	6.30E-01	8.90E+01
8400	4.19E+00	5.06E-02	9.60E-04	1.36E-13	6.32E-01	8.61E+01
8300	3.29E+00	6.62E-03	7.43E-04	9.62E-14	4.91E-01	7.70E+01

Table 19. GWP 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
1050	3.36E+00	5.26E-01	0.00E+00	4.46E-02	3.93E+00
1400	2.62E+00	7.43E-01	0.00E+00	4.22E-02	3.40E+00
1030A	1.73E+00	8.14E-01	0.00E+00	4.02E-02	2.59E+00
2050	3.15E+00	4.89E-01	0.00E+00	4.04E-02	3.68E+00
2400	2.73E+00	7.15E-01	0.00E+00	3.92E-02	3.49E+00



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SKU	STAGE 1	STAGE 2	STAGE 3	STAGE 4	TOTAL
2300	1.84E+00	7.68E-01	0.00E+00	3.55E-02	2.64E+00
3050	3.31E+00	4.75E-01	0.00E+00	3.89E-02	3.83E+00
3400	2.57E+00	6.84E-01	0.00E+00	3.60E-02	3.29E+00
3300	1.86E+00	7.40E-01	0.00E+00	3.28E-02	2.63E+00
7050	3.31E+00	4.81E-01	0.00E+00	3.95E-02	3.83E+00
7400	2.81E+00	7.03E-01	0.00E+00	3.79E-02	3.56E+00
7300	1.88E+00	7.54E-01	0.00E+00	3.42E-02	2.67E+00
8050	3.97E+00	5.20E-01	0.00E+00	3.90E-02	4.53E+00
8400	3.31E+00	7.66E-01	0.00E+00	3.68E-02	4.11E+00
8300	2.38E+00	8.09E-01	0.00E+00	3.27E-02	3.22E+00

Table 20. AP LCIA results for every paint product, interior paint, 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
1050	6.89E-02	1.05E-03	0.00E+00	2.17E-04	7.02E-02
1400	4.29E-02	1.38E-03	0.00E+00	2.05E-04	4.45E-02
1030A	4.12E-03	1.49E-03	0.00E+00	1.95E-04	5.81E-03
2050	5.56E-02	9.68E-04	0.00E+00	1.96E-04	5.68E-02
2400	4.11E-02	1.32E-03	0.00E+00	1.90E-04	4.26E-02
2300	4.07E-03	1.39E-03	0.00E+00	1.71E-04	5.64E-03
3050	6.22E-02	9.39E-04	0.00E+00	1.88E-04	6.34E-02
3400	3.59E-02	1.26E-03	0.00E+00	1.74E-04	3.73E-02
3300	3.94E-03	1.33E-03	0.00E+00	1.58E-04	5.43E-03
7050	6.19E-02	9.50E-04	0.00E+00	1.91E-04	6.31E-02
7400	4.08E-02	1.30E-03	0.00E+00	1.84E-04	4.23E-02
7300	4.11E-03	1.36E-03	0.00E+00	1.65E-04	5.64E-03
8050	7.35E-02	1.03E-03	0.00E+00	1.87E-04	7.47E-02
8400	4.90E-02	1.41E-03	0.00E+00	1.77E-04	5.06E-02
8300	5.01E-03	1.46E-03	0.00E+00	1.56E-04	6.62E-03



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**Table 21. EP LCIA results for every paint product, interior paint, 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
1050	5.58E-04	1.53E-04	0.00E+00	3.53E-04	1.06E-03
1400	4.34E-04	1.56E-04	0.00E+00	3.34E-04	9.24E-04
1030A	2.88E-04	1.54E-04	0.00E+00	3.18E-04	7.59E-04
2050	5.16E-04	1.39E-04	0.00E+00	3.20E-04	9.74E-04
2400	4.36E-04	1.46E-04	0.00E+00	3.10E-04	8.92E-04
2300	2.89E-04	1.38E-04	0.00E+00	2.80E-04	7.07E-04
3050	5.28E-04	1.34E-04	0.00E+00	3.07E-04	9.69E-04
3400	4.00E-04	1.35E-04	0.00E+00	2.84E-04	8.19E-04
3300	2.67E-04	1.28E-04	0.00E+00	2.59E-04	6.54E-04
7050	5.32E-04	1.36E-04	0.00E+00	3.12E-04	9.80E-04
7400	4.44E-04	1.42E-04	0.00E+00	3.00E-04	8.85E-04
7300	2.82E-04	1.33E-04	0.00E+00	2.70E-04	6.85E-04
8050	6.29E-04	1.46E-04	0.00E+00	3.07E-04	1.08E-03
8400	5.18E-04	1.52E-04	0.00E+00	2.90E-04	9.60E-04
8300	3.46E-04	1.40E-04	0.00E+00	2.57E-04	7.43E-04

**Table 22. ODP LCIA results for every paint product, interior paint, 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
1050	1.23E-13	3.46E-15	0.00E+00	1.56E-15	1.28E-13
1400	8.98E-14	7.26E-15	0.00E+00	1.48E-15	9.86E-14
1030A	5.22E-14	8.64E-15	0.00E+00	1.40E-15	6.22E-14
2050	1.13E-13	3.36E-15	0.00E+00	1.37E-15	1.18E-13
2400	9.66E-14	7.15E-15	0.00E+00	1.34E-15	1.05E-13
2300	5.71E-14	8.43E-15	0.00E+00	1.19E-15	6.67E-14
3050	1.21E-13	3.32E-15	0.00E+00	1.30E-15	1.26E-13
3400	9.16E-14	7.03E-15	0.00E+00	1.19E-15	9.98E-14
3300	5.98E-14	8.29E-15	0.00E+00	1.06E-15	6.91E-14
7050	1.20E-13	3.34E-15	0.00E+00	1.33E-15	1.25E-13
7400	1.00E-13	7.11E-15	0.00E+00	1.28E-15	1.08E-13
7300	5.98E-14	8.37E-15	0.00E+00	1.13E-15	6.93E-14



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SKU	STAGE 1	STAGE 2	STAGE 3	STAGE 4	TOTAL
8050	1.55E-13	3.64E-15	0.00E+00	1.25E-15	1.60E-13
8400	1.27E-13	7.82E-15	0.00E+00	1.18E-15	1.36E-13
8300	8.61E-14	9.09E-15	0.00E+00	1.01E-15	9.62E-14

Table 23. SFP LCIA results for every paint product, interior paint, 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
1050	1.37E-01	1.90E-02	7.96E-03	3.94E-03	1.68E-01
1400	1.05E-01	2.09E-02	7.14E-03	3.72E-03	1.36E-01
1030A	6.78E-02	2.11E-02	6.74E-03	3.54E-03	9.92E-02
2050	1.25E-01	1.74E-02	8.36E-03	3.54E-03	1.54E-01
2400	1.05E-01	1.97E-02	8.87E-03	3.44E-03	1.37E-01
2300	6.47E-02	1.92E-02	8.73E-03	3.10E-03	9.58E-02
3050	1.28E-01	1.67E-02	9.30E-03	3.40E-03	1.57E-01
3400	9.50E-02	1.84E-02	9.18E-03	3.14E-03	1.26E-01
3300	6.08E-02	1.81E-02	8.74E-03	2.85E-03	9.04E-02
7050	1.29E-01	1.70E-02	1.08E-02	3.45E-03	1.60E-01
7400	1.06E-01	1.92E-02	1.13E-02	3.32E-03	1.40E-01
7300	6.38E-02	1.87E-02	9.07E-03	2.98E-03	9.45E-02
8050	1.51E-01	1.83E-02	4.57E-01	3.38E-03	6.30E-01
8400	1.22E-01	2.07E-02	4.87E-01	3.19E-03	6.32E-01
8300	7.69E-02	1.97E-02	3.91E-01	2.81E-03	4.91E-01

Table 24. ADPf LCIA results for every paint product, interior paint, per 1 m<sup>2</sup> for 60 years by market life (MJ)

SKU	STAGE 1	STAGE 2	STAGE 3	STAGE 4	TOTAL
1050	6.29E+01	8.93E+00	0.00E+00	2.20E-01	7.20E+01
1400	5.19E+01	1.53E+01	0.00E+00	2.07E-01	6.74E+01
1030A	4.04E+01	1.75E+01	0.00E+00	1.88E-01	5.81E+01
2050	6.29E+01	8.46E+00	0.00E+00	1.57E-01	7.15E+01
2400	5.63E+01	1.49E+01	0.00E+00	1.64E-01	7.13E+01
2300	4.41E+01	1.68E+01	0.00E+00	1.23E-01	6.10E+01



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According to ISO 14025,  
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SKU	STAGE 1	STAGE 2	STAGE 3	STAGE 4	TOTAL
3050	6.57E+01	8.29E+00	0.00E+00	1.34E-01	7.41E+01
3400	5.43E+01	1.45E+01	0.00E+00	1.19E-01	6.89E+01
3300	4.52E+01	1.64E+01	0.00E+00	8.61E-02	6.17E+01
7050	6.54E+01	8.36E+00	0.00E+00	1.43E-01	7.39E+01
7400	5.88E+01	1.47E+01	0.00E+00	1.46E-01	7.37E+01
7300	4.55E+01	1.66E+01	0.00E+00	1.05E-01	6.22E+01
8050	7.98E+01	9.07E+00	0.00E+00	9.22E-02	8.90E+01
8400	6.98E+01	1.61E+01	0.00E+00	8.50E-02	8.61E+01
8300	5.90E+01	1.80E+01	0.00E+00	4.41E-02	7.70E+01

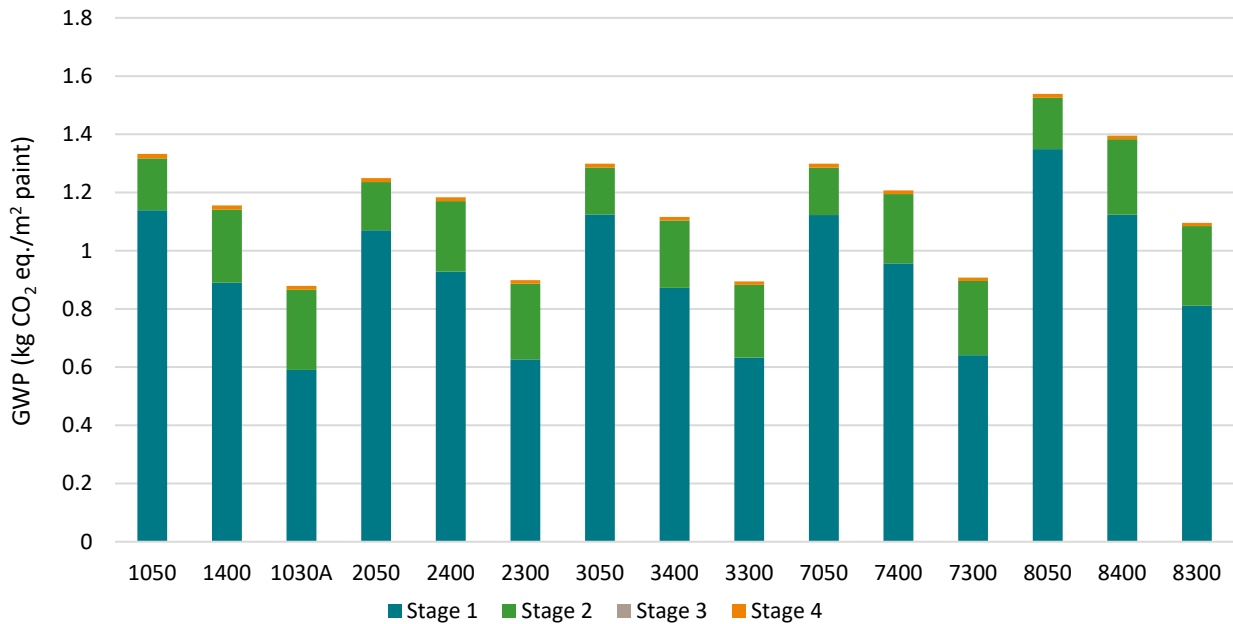


Figure 3: GWP results by stage by design life



# ENVIRONMENTAL PRODUCT DECLARATION



Premium Plus® Interior Paint

According to ISO 14025,  
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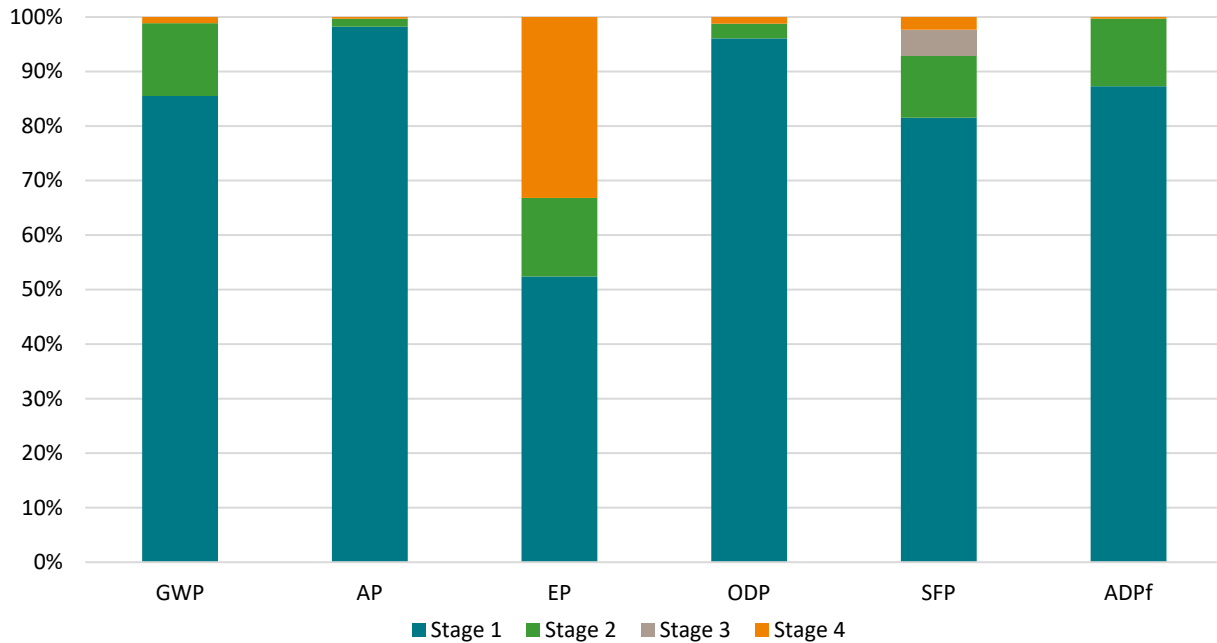


Figure 4. LCIA contribution results for 1050

## 3.2. Life Cycle Inventory Results

Table 25. Total resource use results for every paint product, interior paint, per 1 m<sup>2</sup> for 60 years by design life

SKU	RPR <sub>E</sub> MJ	RPR <sub>M</sub> MJ	NRPR <sub>E</sub> MJ	NRPR <sub>M</sub> MJ	SM KG	RSF MJ	NRSF MJ	RE MJ	FW M <sup>3</sup>
1050	1.68E+00	7.86E-02	2.22E+01	3.10E+00	2.77E-04	0	0	0	7.73E-03
1400	1.36E+00	7.43E-02	2.05E+01	2.92E+00	2.62E-04	0	0	0	6.36E-03
1030A	8.90E-01	7.24E-02	1.71E+01	2.86E+00	2.55E-04	0	0	0	4.09E-03
2050	1.55E+00	7.83E-02	2.13E+01	3.63E+00	2.76E-04	0	0	0	7.10E-03
2400	1.38E+00	7.39E-02	2.15E+01	3.27E+00	2.60E-04	0	0	0	6.52E-03
2300	9.48E-01	7.14E-02	1.77E+01	3.25E+00	2.52E-04	0	0	0	4.30E-03
3050	1.63E+00	7.82E-02	2.23E+01	3.65E+00	2.76E-04	0	0	0	7.57E-03
3400	1.31E+00	7.33E-02	2.05E+01	3.44E+00	2.58E-04	0	0	0	6.18E-03
3300	9.18E-01	7.07E-02	1.78E+01	3.35E+00	2.49E-04	0	0	0	4.30E-03
7050	1.62E+00	7.83E-02	2.22E+01	3.67E+00	2.76E-04	0	0	0	7.51E-03



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According to ISO 14025,  
ISO 21930

SKU	RPR <sub>E</sub> MJ	RPR <sub>M</sub> MJ	NRPR <sub>E</sub> MJ	NRPR <sub>M</sub> MJ	SM KG	RSF MJ	NRSF MJ	RE MJ	FW M <sup>3</sup>
7400	1.41E+00	7.37E-02	2.20E+01	3.63E+00	2.60E-04	0	0	0	6.64E-03
7300	9.47E-01	7.11E-02	1.80E+01	3.35E+00	2.50E-04	0	0	0	4.36E-03
8050	2.00E+00	8.57E-02	2.66E+01	4.59E+00	3.02E-04	0	0	0	9.22E-03
8400	1.73E+00	8.14E-02	2.55E+01	4.40E+00	2.87E-04	0	0	0	8.04E-03
8300	1.21E+00	7.75E-02	2.18E+01	4.60E+00	2.73E-04	0	0	0	5.48E-03

**Table 26. RPR<sub>E</sub> results for every paint product, interior paint, for their design life (MJ)**

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	1.51E+00	1.42E-01	0.00E+00	2.36E-02	1.68E+00
1400	1.15E+00	1.88E-01	0.00E+00	2.23E-02	1.36E+00
1030A	6.66E-01	2.03E-01	0.00E+00	2.11E-02	8.90E-01
2050	1.39E+00	1.32E-01	0.00E+00	2.11E-02	1.55E+00
2400	1.18E+00	1.80E-01	0.00E+00	2.05E-02	1.38E+00
2300	7.39E-01	1.90E-01	0.00E+00	1.84E-02	9.48E-01
3050	1.48E+00	1.28E-01	0.00E+00	2.01E-02	1.63E+00
3400	1.12E+00	1.72E-01	0.00E+00	1.86E-02	1.31E+00
3300	7.19E-01	1.82E-01	0.00E+00	1.68E-02	9.18E-01
7050	1.47E+00	1.29E-01	0.00E+00	2.05E-02	1.62E+00
7400	1.21E+00	1.77E-01	0.00E+00	1.97E-02	1.41E+00
7300	7.44E-01	1.86E-01	0.00E+00	1.76E-02	9.47E-01
8050	1.84E+00	1.40E-01	0.00E+00	1.99E-02	2.00E+00
8400	1.52E+00	1.92E-01	0.00E+00	1.88E-02	1.73E+00
8300	9.94E-01	1.99E-01	0.00E+00	1.64E-02	1.21E+00

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

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	7.86E-02	0.00E+00	0.00E+00	0.00E+00	7.86E-02
1400	7.43E-02	0.00E+00	0.00E+00	0.00E+00	7.43E-02
1030A	7.24E-02	0.00E+00	0.00E+00	0.00E+00	7.24E-02
2050	7.83E-02	0.00E+00	0.00E+00	0.00E+00	7.83E-02
2400	7.39E-02	0.00E+00	0.00E+00	0.00E+00	7.39E-02
2300	7.14E-02	0.00E+00	0.00E+00	0.00E+00	7.14E-02
3050	7.82E-02	0.00E+00	0.00E+00	0.00E+00	7.82E-02



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SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
3400	7.33E-02	0.00E+00	0.00E+00	0.00E+00	7.33E-02
3300	7.07E-02	0.00E+00	0.00E+00	0.00E+00	7.07E-02
7050	7.83E-02	0.00E+00	0.00E+00	0.00E+00	7.83E-02
7400	7.37E-02	0.00E+00	0.00E+00	0.00E+00	7.37E-02
7300	7.11E-02	0.00E+00	0.00E+00	0.00E+00	7.11E-02
8050	8.57E-02	0.00E+00	0.00E+00	0.00E+00	8.57E-02
8400	8.14E-02	0.00E+00	0.00E+00	0.00E+00	8.14E-02
8300	7.75E-02	0.00E+00	0.00E+00	0.00E+00	7.75E-02

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

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	1.91E+01	3.03E+00	0.00E+00	7.48E-02	2.22E+01
1400	1.53E+01	5.20E+00	0.00E+00	7.05E-02	2.05E+01
1030A	1.10E+01	5.97E+00	0.00E+00	6.39E-02	1.71E+01
2050	1.84E+01	2.87E+00	0.00E+00	5.34E-02	2.13E+01
2400	1.64E+01	5.07E+00	0.00E+00	5.57E-02	2.15E+01
2300	1.19E+01	5.74E+00	0.00E+00	4.16E-02	1.77E+01
3050	1.94E+01	2.81E+00	0.00E+00	4.54E-02	2.23E+01
3400	1.55E+01	4.93E+00	0.00E+00	4.01E-02	2.05E+01
3300	1.22E+01	5.60E+00	0.00E+00	2.89E-02	1.78E+01
7050	1.93E+01	2.84E+00	0.00E+00	4.84E-02	2.22E+01
7400	1.69E+01	5.02E+00	0.00E+00	4.96E-02	2.20E+01
7300	1.23E+01	5.67E+00	0.00E+00	3.53E-02	1.80E+01
8050	2.35E+01	3.08E+00	0.00E+00	3.09E-02	2.66E+01
8400	2.00E+01	5.50E+00	0.00E+00	2.85E-02	2.55E+01
8300	1.57E+01	6.13E+00	0.00E+00	1.44E-02	2.18E+01

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

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	3.10E+00	0.00E+00	0.00E+00	0.00E+00	3.10E+00
1400	2.92E+00	0.00E+00	0.00E+00	0.00E+00	2.92E+00
1030A	2.86E+00	0.00E+00	0.00E+00	0.00E+00	2.86E+00
2050	3.63E+00	0.00E+00	0.00E+00	0.00E+00	3.63E+00
2400	3.27E+00	0.00E+00	0.00E+00	0.00E+00	3.27E+00
2300	3.25E+00	0.00E+00	0.00E+00	0.00E+00	3.25E+00





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ISO 21930

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
3050	3.65E+00	0.00E+00	0.00E+00	0.00E+00	3.65E+00
3400	3.44E+00	0.00E+00	0.00E+00	0.00E+00	3.44E+00
3300	3.35E+00	0.00E+00	0.00E+00	0.00E+00	3.35E+00
7050	3.67E+00	0.00E+00	0.00E+00	0.00E+00	3.67E+00
7400	3.63E+00	0.00E+00	0.00E+00	0.00E+00	3.63E+00
7300	3.35E+00	0.00E+00	0.00E+00	0.00E+00	3.35E+00
8050	4.59E+00	0.00E+00	0.00E+00	0.00E+00	4.59E+00
8400	4.40E+00	0.00E+00	0.00E+00	0.00E+00	4.40E+00
8300	4.60E+00	0.00E+00	0.00E+00	0.00E+00	4.60E+00

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

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	2.77E-04	0.00E+00	0.00E+00	0.00E+00	2.77E-04
1400	2.62E-04	0.00E+00	0.00E+00	0.00E+00	2.62E-04
1030A	2.55E-04	0.00E+00	0.00E+00	0.00E+00	2.55E-04
2050	2.76E-04	0.00E+00	0.00E+00	0.00E+00	2.76E-04
2400	2.60E-04	0.00E+00	0.00E+00	0.00E+00	2.60E-04
2300	2.52E-04	0.00E+00	0.00E+00	0.00E+00	2.52E-04
3050	2.76E-04	0.00E+00	0.00E+00	0.00E+00	2.76E-04
3400	2.58E-04	0.00E+00	0.00E+00	0.00E+00	2.58E-04
3300	2.49E-04	0.00E+00	0.00E+00	0.00E+00	2.49E-04
7050	2.76E-04	0.00E+00	0.00E+00	0.00E+00	2.76E-04
7400	2.60E-04	0.00E+00	0.00E+00	0.00E+00	2.60E-04
7300	2.50E-04	0.00E+00	0.00E+00	0.00E+00	2.50E-04
8050	3.02E-04	0.00E+00	0.00E+00	0.00E+00	3.02E-04
8400	2.87E-04	0.00E+00	0.00E+00	0.00E+00	2.87E-04
8300	2.73E-04	0.00E+00	0.00E+00	0.00E+00	2.73E-04

**Table 31. FW results for every paint product, interior paint, for their design life (m³)**

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	6.86E-03	8.62E-04	0.00E+00	2.75E-06	7.73E-03
1400	5.03E-03	1.32E-03	0.00E+00	2.57E-06	6.36E-03
1030A	2.61E-03	1.48E-03	0.00E+00	1.92E-06	4.09E-03
2050	6.29E-03	8.08E-04	0.00E+00	1.07E-07	7.10E-03
2400	5.24E-03	1.28E-03	0.00E+00	7.72E-07	6.52E-03



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According to ISO 14025,  
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SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
2300	2.89E-03	1.41E-03	0.00E+00	-7.82E-07	4.30E-03
3050	6.78E-03	7.88E-04	0.00E+00	-8.80E-07	7.57E-03
3400	4.95E-03	1.24E-03	0.00E+00	-1.12E-06	6.18E-03
3300	2.93E-03	1.37E-03	0.00E+00	-2.29E-06	4.30E-03
7050	6.72E-03	7.96E-04	0.00E+00	-5.09E-07	7.51E-03
7400	5.38E-03	1.26E-03	0.00E+00	2.17E-08	6.64E-03
7300	2.97E-03	1.39E-03	0.00E+00	-1.54E-06	4.36E-03
8050	8.36E-03	8.63E-04	0.00E+00	-3.30E-06	9.22E-03
8400	6.67E-03	1.38E-03	0.00E+00	-3.24E-06	8.04E-03
8300	3.99E-03	1.50E-03	0.00E+00	-4.67E-06	5.48E-03

Table 32. Total Resource use results for every paint product, interior paint, per 1 m<sup>2</sup> for 60 years by market life

SKU	RPR <sub>E</sub> MJ	RPR <sub>M</sub> MJ	NRPR <sub>E</sub> MJ	NRPR <sub>M</sub> MJ	SM KG	RSF MJ	NRSF MJ	RE MJ	FW M <sup>3</sup>
1050	5.03E+00	2.36E-01	6.66E+01	9.30E+00	8.30E-04	0	0	0	2.32E-02
1400	4.07E+00	2.23E-01	6.16E+01	8.76E+00	7.86E-04	0	0	0	1.91E-02
1030A	2.67E+00	2.17E-01	5.12E+01	8.57E+00	7.65E-04	0	0	0	1.23E-02
2050	4.64E+00	2.35E-01	6.40E+01	1.09E+01	8.28E-04	0	0	0	2.13E-02
2400	4.13E+00	2.22E-01	6.46E+01	9.81E+00	7.81E-04	0	0	0	1.96E-02
2300	2.84E+00	2.14E-01	5.31E+01	9.75E+00	7.55E-04	0	0	0	1.29E-02
3050	4.89E+00	2.35E-01	6.69E+01	1.09E+01	8.27E-04	0	0	0	2.27E-02
3400	3.92E+00	2.20E-01	6.15E+01	1.03E+01	7.75E-04	0	0	0	1.85E-02
3300	2.75E+00	2.12E-01	5.35E+01	1.00E+01	7.47E-04	0	0	0	1.29E-02
7050	4.86E+00	2.35E-01	6.66E+01	1.10E+01	8.28E-04	0	0	0	2.25E-02
7400	4.22E+00	2.21E-01	6.60E+01	1.09E+01	7.79E-04	0	0	0	1.99E-02
7300	2.84E+00	2.13E-01	5.40E+01	1.00E+01	7.51E-04	0	0	0	1.31E-02
8050	5.99E+00	2.57E-01	7.97E+01	1.38E+01	9.06E-04	0	0	0	2.77E-02
8400	5.18E+00	2.44E-01	7.66E+01	1.32E+01	8.60E-04	0	0	0	2.41E-02
8300	3.63E+00	2.33E-01	6.55E+01	1.38E+01	8.19E-04	0	0	0	1.64E-02



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According to ISO 14025,  
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**Table 33. RPR<sub>e</sub> results for every paint product, interior paint, per 1 m<sup>2</sup> for 60 years by market life (MJ)**

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	4.53E+00	4.27E-01	0.00E+00	7.07E-02	5.03E+00
1400	3.44E+00	5.65E-01	0.00E+00	6.68E-02	4.07E+00
1030A	2.00E+00	6.08E-01	0.00E+00	6.34E-02	2.67E+00
2050	4.18E+00	3.95E-01	0.00E+00	6.32E-02	4.64E+00
2400	3.53E+00	5.41E-01	0.00E+00	6.15E-02	4.13E+00
2300	2.22E+00	5.69E-01	0.00E+00	5.52E-02	2.84E+00
3050	4.45E+00	3.83E-01	0.00E+00	6.04E-02	4.89E+00
3400	3.35E+00	5.15E-01	0.00E+00	5.58E-02	3.92E+00
3300	2.16E+00	5.46E-01	0.00E+00	5.04E-02	2.75E+00
7050	4.41E+00	3.88E-01	0.00E+00	6.15E-02	4.86E+00
7400	3.63E+00	5.31E-01	0.00E+00	5.92E-02	4.22E+00
7300	2.23E+00	5.58E-01	0.00E+00	5.28E-02	2.84E+00
8050	5.51E+00	4.20E-01	0.00E+00	5.97E-02	5.99E+00
8400	4.55E+00	5.77E-01	0.00E+00	5.64E-02	5.18E+00
8300	2.98E+00	5.96E-01	0.00E+00	4.93E-02	3.63E+00

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

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	2.36E-01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
1400	2.23E-01	0.00E+00	0.00E+00	0.00E+00	2.23E-01
1030A	2.17E-01	0.00E+00	0.00E+00	0.00E+00	2.17E-01
2050	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.35E-01
2400	2.22E-01	0.00E+00	0.00E+00	0.00E+00	2.22E-01
2300	2.14E-01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
3050	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.35E-01
3400	2.20E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-01
3300	2.12E-01	0.00E+00	0.00E+00	0.00E+00	2.12E-01
7050	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.35E-01
7400	2.21E-01	0.00E+00	0.00E+00	0.00E+00	2.21E-01
7300	2.13E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-01
8050	2.57E-01	0.00E+00	0.00E+00	0.00E+00	2.57E-01
8400	2.44E-01	0.00E+00	0.00E+00	0.00E+00	2.44E-01
8300	2.33E-01	0.00E+00	0.00E+00	0.00E+00	2.33E-01



# ENVIRONMENTAL PRODUCT DECLARATION



Premium Plus® Interior Paint



According to ISO 14025,  
ISO 21930

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

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	5.73E+01	9.08E+00	0.00E+00	2.24E-01	6.66E+01
1400	4.58E+01	1.56E+01	0.00E+00	2.11E-01	6.16E+01
1030A	3.31E+01	1.79E+01	0.00E+00	1.92E-01	5.12E+01
2050	5.53E+01	8.61E+00	0.00E+00	1.60E-01	6.40E+01
2400	4.92E+01	1.52E+01	0.00E+00	1.67E-01	6.46E+01
2300	3.58E+01	1.72E+01	0.00E+00	1.25E-01	5.31E+01
3050	5.83E+01	8.43E+00	0.00E+00	1.36E-01	6.69E+01
3400	4.66E+01	1.48E+01	0.00E+00	1.20E-01	6.15E+01
3300	3.66E+01	1.68E+01	0.00E+00	8.68E-02	5.35E+01
7050	5.80E+01	8.51E+00	0.00E+00	1.45E-01	6.66E+01
7400	5.08E+01	1.51E+01	0.00E+00	1.49E-01	6.60E+01
7300	3.69E+01	1.70E+01	0.00E+00	1.06E-01	5.40E+01
8050	7.04E+01	9.24E+00	0.00E+00	9.27E-02	7.97E+01
8400	6.00E+01	1.65E+01	0.00E+00	8.54E-02	7.66E+01
8300	4.70E+01	1.84E+01	0.00E+00	4.33E-02	6.55E+01

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

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	9.30E+00	0.00E+00	0.00E+00	0.00E+00	9.30E+00
1400	8.76E+00	0.00E+00	0.00E+00	0.00E+00	8.76E+00
1030A	8.57E+00	0.00E+00	0.00E+00	0.00E+00	8.57E+00
2050	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.09E+01
2400	9.81E+00	0.00E+00	0.00E+00	0.00E+00	9.81E+00
2300	9.75E+00	0.00E+00	0.00E+00	0.00E+00	9.75E+00
3050	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.09E+01
3400	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.03E+01
3300	1.00E+01	0.00E+00	0.00E+00	0.00E+00	1.00E+01
7050	1.10E+01	0.00E+00	0.00E+00	0.00E+00	1.10E+01
7400	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.09E+01
7300	1.00E+01	0.00E+00	0.00E+00	0.00E+00	1.00E+01
8050	1.38E+01	0.00E+00	0.00E+00	0.00E+00	1.38E+01
8400	1.32E+01	0.00E+00	0.00E+00	0.00E+00	1.32E+01
8300	1.38E+01	0.00E+00	0.00E+00	0.00E+00	1.38E+01



# ENVIRONMENTAL PRODUCT DECLARATION



Premium Plus® Interior Paint



According to ISO 14025,  
ISO 21930

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

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	8.30E-04	0.00E+00	0.00E+00	0.00E+00	8.30E-04
1400	7.86E-04	0.00E+00	0.00E+00	0.00E+00	7.86E-04
1030A	7.65E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-04
2050	8.28E-04	0.00E+00	0.00E+00	0.00E+00	8.28E-04
2400	7.81E-04	0.00E+00	0.00E+00	0.00E+00	7.81E-04
2300	7.55E-04	0.00E+00	0.00E+00	0.00E+00	7.55E-04
3050	8.27E-04	0.00E+00	0.00E+00	0.00E+00	8.27E-04
3400	7.75E-04	0.00E+00	0.00E+00	0.00E+00	7.75E-04
3300	7.47E-04	0.00E+00	0.00E+00	0.00E+00	7.47E-04
7050	8.28E-04	0.00E+00	0.00E+00	0.00E+00	8.28E-04
7400	7.79E-04	0.00E+00	0.00E+00	0.00E+00	7.79E-04
7300	7.51E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-04
8050	9.06E-04	0.00E+00	0.00E+00	0.00E+00	9.06E-04
8400	8.60E-04	0.00E+00	0.00E+00	0.00E+00	8.60E-04
8300	8.19E-04	0.00E+00	0.00E+00	0.00E+00	8.19E-04

**Table 38. FW results for every paint product, interior paint, 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
1050	2.06E-02	2.58E-03	0.00E+00	8.26E-06	2.32E-02
1400	1.51E-02	3.97E-03	0.00E+00	7.70E-06	1.91E-02
1030A	7.83E-03	4.45E-03	0.00E+00	5.75E-06	1.23E-02
2050	1.89E-02	2.42E-03	0.00E+00	3.20E-07	2.13E-02
2400	1.57E-02	3.85E-03	0.00E+00	2.32E-06	1.96E-02
2300	8.66E-03	4.23E-03	0.00E+00	-2.35E-06	1.29E-02
3050	2.04E-02	2.36E-03	0.00E+00	-2.64E-06	2.27E-02
3400	1.48E-02	3.71E-03	0.00E+00	-3.35E-06	1.85E-02
3300	8.80E-03	4.10E-03	0.00E+00	-6.88E-06	1.29E-02
7050	2.02E-02	2.39E-03	0.00E+00	-1.53E-06	2.25E-02
7400	1.61E-02	3.79E-03	0.00E+00	6.52E-08	1.99E-02
7300	8.92E-03	4.17E-03	0.00E+00	-4.61E-06	1.31E-02
8050	2.51E-02	2.59E-03	0.00E+00	-9.90E-06	2.77E-02
8400	2.00E-02	4.14E-03	0.00E+00	-9.72E-06	2.41E-02
8300	1.20E-02	4.49E-03	0.00E+00	-1.40E-05	1.64E-02



# ENVIRONMENTAL PRODUCT DECLARATION



Premium Plus® Interior Paint



According to ISO 14025,  
ISO 21930

**Table 39. Total output and waste results for every paint product, interior paint, per 1 m<sup>2</sup> for 60 years by design life**

SKU	HWD	NHWD
	%	%
1050	0.23%	99.8%
1400	0.23%	99.8%
1030A	0.23%	99.8%
2050	0.24%	99.8%
2400	0.23%	99.8%
2300	0.23%	99.8%
3050	0.24%	99.8%
3400	0.23%	99.8%
3300	0.23%	99.8%
7050	0.24%	99.8%
7400	0.23%	99.8%
7300	0.23%	99.8%
8050	0.24%	99.8%
8400	0.23%	99.8%
8300	0.23%	99.8%

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

SKU	Waste	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
1400	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
1030A	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.8%
2050	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
2400	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
2300	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
3050	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
3400	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
3300	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%



# ENVIRONMENTAL PRODUCT DECLARATION



Premium Plus® Interior Paint

According to ISO 14025,  
ISO 21930

SKU	Waste	Stage 1	Stage 2	Stage 3	Stage 4	Total
7050	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
7400	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
7300	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
8050	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
8400	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
8300	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%

Table 41. Total output and waste results for every paint product, interior paint, per 1 m<sup>2</sup> for 60 years by market life

SKU	HWD	NHWD
	%	%
1050	0.24%	99.8%
1400	0.23%	99.8%
1030A	0.23%	99.8%
2050	0.23%	99.8%
2400	0.23%	99.8%
2300	0.23%	99.8%
3050	0.23%	99.8%
3400	0.23%	99.8%
3300	0.23%	99.8%
7050	0.23%	99.8%
7400	0.23%	99.8%
7300	0.23%	99.8%
8050	0.23%	99.8%
8400	0.23%	99.8%
8300	0.23%	99.8%



# ENVIRONMENTAL PRODUCT DECLARATION



Premium Plus® Interior Paint

According to ISO 14025,  
ISO 21930

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

SKU	Waste	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
1400	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
1030A	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
2050	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
2400	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
2300	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
3050	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
3400	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
3300	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
7050	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
7400	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
7300	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
8050	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
8400	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%
8300	HWD	5.96%	0.00%	0.00%	0.00%	0.23%
	NHWD	94.04%	0.00%	0.00%	100.00%	99.77%





# ENVIRONMENTAL PRODUCT DECLARATION



Premium Plus® Interior Paint

According to ISO 14025,  
ISO 21930

**Table 43. Energy resource use results for every paint product, interior paint, per 1 m<sup>2</sup> for 60 years by design life**

SKU	BIO-ENERGY	FOSSIL ENERGY	HYDRO/WIND ENERGY	NUCLEAR ENERGY	OTHER ENERGY	NON-RENEWABLE RESOURCES	RENEWABLE RESOURCES
	MJ	MJ	MJ	MJ	MJ	kg	kg
1050	1.76E+00	2.53E+01	1.76E+00	2.53E+01	1.76E+00	6.60E-01	-6.96E-08
1400	1.43E+00	2.35E+01	1.43E+00	2.35E+01	1.43E+00	6.27E-01	-6.55E-08
1030A	9.62E-01	1.99E+01	9.62E-01	1.99E+01	9.62E-01	5.40E-01	-6.30E-08
2050	1.62E+00	2.50E+01	1.62E+00	2.50E+01	1.62E+00	6.49E-01	-6.93E-08
2400	1.45E+00	2.48E+01	1.45E+00	2.48E+01	1.45E+00	6.56E-01	-6.51E-08
2300	1.02E+00	2.10E+01	1.02E+00	2.10E+01	1.02E+00	5.60E-01	-6.22E-08
3050	1.71E+00	2.59E+01	1.71E+00	2.59E+01	1.71E+00	6.71E-01	-6.94E-08
3400	1.38E+00	2.39E+01	1.38E+00	2.39E+01	1.38E+00	6.33E-01	-6.45E-08
3300	9.88E-01	2.12E+01	9.88E-01	2.12E+01	9.88E-01	5.62E-01	-6.17E-08
7050	1.70E+00	2.59E+01	1.70E+00	2.59E+01	1.70E+00	6.70E-01	-6.95E-08
7400	1.48E+00	2.56E+01	1.48E+00	2.56E+01	1.48E+00	6.76E-01	-6.50E-08
7300	1.02E+00	2.14E+01	1.02E+00	2.14E+01	1.02E+00	5.68E-01	-6.20E-08
8050	2.08E+00	3.11E+01	2.08E+00	3.11E+01	2.08E+00	8.01E-01	-7.60E-08
8400	1.81E+00	2.99E+01	1.81E+00	2.99E+01	1.81E+00	7.85E-01	-7.16E-08
8300	1.29E+00	2.64E+01	1.29E+00	2.64E+01	1.29E+00	6.95E-01	-6.76E-08

**Table 44. Bio-energy results for every paint product, interior paint, per 1 m<sup>2</sup> for 60 years by design life (MJ)**

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	1.59E+00	1.42E-01	0.00E+00	2.36E-02	1.76E+00
1400	1.22E+00	1.88E-01	0.00E+00	2.23E-02	1.43E+00
1030A	7.38E-01	2.03E-01	0.00E+00	2.12E-02	9.62E-01
2050	1.47E+00	1.32E-01	0.00E+00	2.11E-02	1.62E+00
2400	1.25E+00	1.80E-01	0.00E+00	2.05E-02	1.45E+00
2300	8.11E-01	1.90E-01	0.00E+00	1.84E-02	1.02E+00
3050	1.56E+00	1.28E-01	0.00E+00	2.01E-02	1.71E+00
3400	1.19E+00	1.72E-01	0.00E+00	1.86E-02	1.38E+00
3300	7.90E-01	1.82E-01	0.00E+00	1.68E-02	9.88E-01
7050	1.55E+00	1.29E-01	0.00E+00	2.05E-02	1.70E+00
7400	1.28E+00	1.77E-01	0.00E+00	1.98E-02	1.48E+00
7300	8.15E-01	1.86E-01	0.00E+00	1.76E-02	1.02E+00



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According to ISO 14025,  
ISO 21930

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
8050	1.92E+00	1.40E-01	0.00E+00	1.99E-02	2.08E+00
8400	1.60E+00	1.92E-01	0.00E+00	1.88E-02	1.81E+00
8300	1.07E+00	1.99E-01	0.00E+00	1.64E-02	1.29E+00

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

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	2.22E+01	3.03E+00	0.00E+00	7.48E-02	2.53E+01
1400	1.82E+01	5.20E+00	0.00E+00	7.05E-02	2.35E+01
1030A	1.39E+01	5.97E+00	0.00E+00	6.39E-02	1.99E+01
2050	2.21E+01	2.87E+00	0.00E+00	5.34E-02	2.50E+01
2400	1.97E+01	5.07E+00	0.00E+00	5.57E-02	2.48E+01
2300	1.52E+01	5.74E+00	0.00E+00	4.16E-02	2.10E+01
3050	2.31E+01	2.81E+00	0.00E+00	4.54E-02	2.59E+01
3400	1.90E+01	4.93E+00	0.00E+00	4.01E-02	2.39E+01
3300	1.55E+01	5.60E+00	0.00E+00	2.89E-02	2.12E+01
7050	2.30E+01	2.84E+00	0.00E+00	4.84E-02	2.59E+01
7400	2.06E+01	5.02E+00	0.00E+00	4.96E-02	2.56E+01
7300	1.56E+01	5.67E+00	0.00E+00	3.53E-02	2.14E+01
8050	2.80E+01	3.08E+00	0.00E+00	3.09E-02	3.11E+01
8400	2.44E+01	5.50E+00	0.00E+00	2.85E-02	2.99E+01
8300	2.03E+01	6.13E+00	0.00E+00	1.44E-02	2.64E+01

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

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	1.59E+00	1.42E-01	0.00E+00	2.36E-02	1.76E+00
1400	1.22E+00	1.88E-01	0.00E+00	2.23E-02	1.43E+00
1030A	7.38E-01	2.03E-01	0.00E+00	2.12E-02	9.62E-01
2050	1.47E+00	1.32E-01	0.00E+00	2.11E-02	1.62E+00
2400	1.25E+00	1.80E-01	0.00E+00	2.05E-02	1.45E+00
2300	8.11E-01	1.90E-01	0.00E+00	1.84E-02	1.02E+00
3050	1.56E+00	1.28E-01	0.00E+00	2.01E-02	1.71E+00
3400	1.19E+00	1.72E-01	0.00E+00	1.86E-02	1.38E+00
3300	7.90E-01	1.82E-01	0.00E+00	1.68E-02	9.88E-01
7050	1.55E+00	1.29E-01	0.00E+00	2.05E-02	1.70E+00
7400	1.28E+00	1.77E-01	0.00E+00	1.98E-02	1.48E+00
7300	8.15E-01	1.86E-01	0.00E+00	1.76E-02	1.02E+00



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Premium Plus® Interior Paint

According to ISO 14025,  
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SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
8050	1.92E+00	1.40E-01	0.00E+00	1.99E-02	2.08E+00
8400	1.60E+00	1.92E-01	0.00E+00	1.88E-02	1.81E+00
8300	1.07E+00	1.99E-01	0.00E+00	1.64E-02	1.29E+00

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

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	2.22E+01	3.03E+00	0.00E+00	7.48E-02	2.53E+01
1400	1.82E+01	5.20E+00	0.00E+00	7.05E-02	2.35E+01
1030A	1.39E+01	5.97E+00	0.00E+00	6.39E-02	1.99E+01
2050	2.21E+01	2.87E+00	0.00E+00	5.34E-02	2.50E+01
2400	1.97E+01	5.07E+00	0.00E+00	5.57E-02	2.48E+01
2300	1.52E+01	5.74E+00	0.00E+00	4.16E-02	2.10E+01
3050	2.31E+01	2.81E+00	0.00E+00	4.54E-02	2.59E+01
3400	1.90E+01	4.93E+00	0.00E+00	4.01E-02	2.39E+01
3300	1.55E+01	5.60E+00	0.00E+00	2.89E-02	2.12E+01
7050	2.30E+01	2.84E+00	0.00E+00	4.84E-02	2.59E+01
7400	2.06E+01	5.02E+00	0.00E+00	4.96E-02	2.56E+01
7300	1.56E+01	5.67E+00	0.00E+00	3.53E-02	2.14E+01
8050	2.80E+01	3.08E+00	0.00E+00	3.09E-02	3.11E+01
8400	2.44E+01	5.50E+00	0.00E+00	2.85E-02	2.99E+01
8300	2.03E+01	6.13E+00	0.00E+00	1.44E-02	2.64E+01

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

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	1.59E+00	1.42E-01	0.00E+00	2.36E-02	1.76E+00
1400	1.22E+00	1.88E-01	0.00E+00	2.23E-02	1.43E+00
1030A	7.38E-01	2.03E-01	0.00E+00	2.12E-02	9.62E-01
2050	1.47E+00	1.32E-01	0.00E+00	2.11E-02	1.62E+00
2400	1.25E+00	1.80E-01	0.00E+00	2.05E-02	1.45E+00
2300	8.11E-01	1.90E-01	0.00E+00	1.84E-02	1.02E+00
3050	1.56E+00	1.28E-01	0.00E+00	2.01E-02	1.71E+00
3400	1.19E+00	1.72E-01	0.00E+00	1.86E-02	1.38E+00
3300	7.90E-01	1.82E-01	0.00E+00	1.68E-02	9.88E-01
7050	1.55E+00	1.29E-01	0.00E+00	2.05E-02	1.70E+00
7400	1.28E+00	1.77E-01	0.00E+00	1.98E-02	1.48E+00
7300	8.15E-01	1.86E-01	0.00E+00	1.76E-02	1.02E+00



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SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
8050	1.92E+00	1.40E-01	0.00E+00	1.99E-02	2.08E+00
8400	1.60E+00	1.92E-01	0.00E+00	1.88E-02	1.81E+00
8300	1.07E+00	1.99E-01	0.00E+00	1.64E-02	1.29E+00

**Table 49. Non-renewable energy resources results every paint product, interior paint, per 1 m<sup>2</sup> for 60 years by design life (kg)**

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	5.62E-01	9.52E-02	0.00E+00	2.08E-03	6.60E-01
1400	4.60E-01	1.65E-01	0.00E+00	1.96E-03	6.27E-01
1030A	3.49E-01	1.90E-01	0.00E+00	1.78E-03	5.40E-01
2050	5.57E-01	9.04E-02	0.00E+00	1.49E-03	6.49E-01
2400	4.93E-01	1.61E-01	0.00E+00	1.56E-03	6.56E-01
2300	3.76E-01	1.83E-01	0.00E+00	1.17E-03	5.60E-01
3050	5.81E-01	8.86E-02	0.00E+00	1.27E-03	6.71E-01
3400	4.75E-01	1.56E-01	0.00E+00	1.13E-03	6.33E-01
3300	3.83E-01	1.78E-01	0.00E+00	8.22E-04	5.62E-01
7050	5.80E-01	8.93E-02	0.00E+00	1.36E-03	6.70E-01
7400	5.15E-01	1.59E-01	0.00E+00	1.39E-03	6.76E-01
7300	3.87E-01	1.80E-01	0.00E+00	9.95E-04	5.68E-01
8050	7.03E-01	9.70E-02	0.00E+00	8.81E-04	8.01E-01
8400	6.09E-01	1.74E-01	0.00E+00	8.13E-04	7.85E-01
8300	5.00E-01	1.95E-01	0.00E+00	4.27E-04	6.95E-01

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

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	1.45E-08	5.84E-12	0.00E+00	-8.42E-08	-6.96E-08
1400	1.41E-08	4.84E-11	0.00E+00	-7.96E-08	-6.55E-08
1030A	1.45E-08	6.47E-11	0.00E+00	-7.76E-08	-6.30E-08
2050	1.46E-08	7.78E-12	0.00E+00	-8.39E-08	-6.93E-08
2400	1.40E-08	4.94E-11	0.00E+00	-7.91E-08	-6.51E-08
2300	1.42E-08	6.58E-11	0.00E+00	-7.65E-08	-6.22E-08
3050	1.44E-08	8.50E-12	0.00E+00	-8.38E-08	-6.94E-08
3400	1.39E-08	5.04E-11	0.00E+00	-7.85E-08	-6.45E-08
3300	1.39E-08	6.63E-11	0.00E+00	-7.57E-08	-6.17E-08



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SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
7050	1.44E-08	8.23E-12	0.00E+00	-8.39E-08	-6.95E-08
7400	1.39E-08	4.98E-11	0.00E+00	-7.90E-08	-6.50E-08
7300	1.40E-08	6.60E-11	0.00E+00	-7.61E-08	-6.20E-08
8050	1.58E-08	9.33E-12	0.00E+00	-9.18E-08	-7.60E-08
8400	1.55E-08	5.56E-11	0.00E+00	-8.71E-08	-7.16E-08
8300	1.54E-08	7.28E-11	0.00E+00	-8.30E-08	-6.76E-08

**Table 51. Energy resource use results for every paint product, interior paint, per 1 m<sup>2</sup> for 60 years by market life**

SKU	BIO ENERGY	FOSSIL ENERGY	HYDRO/WIND ENERGY	NUCLEAR ENERGY	OTHER RENEWABLE ENERGY	NON RENEWABLE ENERGY RESOURCES	RENEWABLE ENERGY RESOURCES
	MJ	MJ	MJ	MJ	MJ	kg	kg
1050	5.27E+00	7.59E+01	5.27E+00	7.59E+01	5.27E+00	1.98E+00	-2.09E-07
1400	4.29E+00	7.04E+01	4.29E+00	7.04E+01	4.29E+00	1.88E+00	-1.97E-07
1030A	2.89E+00	5.98E+01	2.89E+00	5.98E+01	2.89E+00	1.62E+00	-1.89E-07
2050	4.87E+00	7.49E+01	4.87E+00	7.49E+01	4.87E+00	1.95E+00	-2.08E-07
2400	4.35E+00	7.44E+01	4.35E+00	7.44E+01	4.35E+00	1.97E+00	-1.95E-07
2300	3.06E+00	6.29E+01	3.06E+00	6.29E+01	3.06E+00	1.68E+00	-1.87E-07
3050	5.13E+00	7.78E+01	5.13E+00	7.78E+01	5.13E+00	2.01E+00	-2.08E-07
3400	4.14E+00	7.18E+01	4.14E+00	7.18E+01	4.14E+00	1.90E+00	-1.94E-07
3300	2.96E+00	6.35E+01	2.96E+00	6.35E+01	2.96E+00	1.69E+00	-1.85E-07
7050	5.10E+00	7.76E+01	5.10E+00	7.76E+01	5.10E+00	2.01E+00	-2.08E-07
7400	4.44E+00	7.69E+01	4.44E+00	7.69E+01	4.44E+00	2.03E+00	-1.95E-07
7300	3.05E+00	6.41E+01	3.05E+00	6.41E+01	3.05E+00	1.71E+00	-1.86E-07
8050	6.24E+00	9.34E+01	6.24E+00	9.34E+01	6.24E+00	2.40E+00	-2.28E-07
8400	5.42E+00	8.98E+01	5.42E+00	8.98E+01	5.42E+00	2.35E+00	-2.15E-07
8300	3.86E+00	7.93E+01	3.86E+00	7.93E+01	3.86E+00	2.09E+00	-2.03E-07

**Table 52. Bio-energy results for every paint product, interior paint, per 1 m<sup>2</sup> for 60 years by market life (MJ)**

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	4.77E+00	4.27E-01	0.00E+00	7.07E-02	5.27E+00
1400	3.66E+00	5.65E-01	0.00E+00	6.68E-02	4.29E+00
1030A	2.21E+00	6.08E-01	0.00E+00	6.35E-02	2.89E+00



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SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
2050	4.41E+00	3.95E-01	0.00E+00	6.32E-02	4.87E+00
2400	3.75E+00	5.41E-01	0.00E+00	6.15E-02	4.35E+00
2300	2.43E+00	5.69E-01	0.00E+00	5.52E-02	3.06E+00
3050	4.68E+00	3.83E-01	0.00E+00	6.04E-02	5.13E+00
3400	3.57E+00	5.15E-01	0.00E+00	5.58E-02	4.14E+00
3300	2.37E+00	5.46E-01	0.00E+00	5.04E-02	2.96E+00
7050	4.65E+00	3.88E-01	0.00E+00	6.15E-02	5.10E+00
7400	3.85E+00	5.31E-01	0.00E+00	5.93E-02	4.44E+00
7300	2.44E+00	5.58E-01	0.00E+00	5.28E-02	3.05E+00
8050	5.76E+00	4.20E-01	0.00E+00	5.97E-02	6.24E+00
8400	4.79E+00	5.77E-01	0.00E+00	5.64E-02	5.42E+00
8300	3.21E+00	5.96E-01	0.00E+00	4.93E-02	3.86E+00

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

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	6.66E+01	9.08E+00	0.00E+00	2.24E-01	7.59E+01
1400	5.46E+01	1.56E+01	0.00E+00	2.11E-01	7.04E+01
1030A	4.17E+01	1.79E+01	0.00E+00	1.92E-01	5.98E+01
2050	6.62E+01	8.61E+00	0.00E+00	1.60E-01	7.49E+01
2400	5.90E+01	1.52E+01	0.00E+00	1.67E-01	7.44E+01
2300	4.55E+01	1.72E+01	0.00E+00	1.25E-01	6.29E+01
3050	6.92E+01	8.43E+00	0.00E+00	1.36E-01	7.78E+01
3400	5.69E+01	1.48E+01	0.00E+00	1.20E-01	7.18E+01
3300	4.66E+01	1.68E+01	0.00E+00	8.68E-02	6.35E+01
7050	6.90E+01	8.51E+00	0.00E+00	1.45E-01	7.76E+01
7400	6.17E+01	1.51E+01	0.00E+00	1.49E-01	7.69E+01
7300	4.69E+01	1.70E+01	0.00E+00	1.06E-01	6.41E+01
8050	8.41E+01	9.24E+00	0.00E+00	9.27E-02	9.34E+01
8400	7.32E+01	1.65E+01	0.00E+00	8.54E-02	8.98E+01
8300	6.08E+01	1.84E+01	0.00E+00	4.33E-02	7.93E+01

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

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	4.77E+00	4.27E-01	0.00E+00	7.07E-02	5.27E+00
1400	3.66E+00	5.65E-01	0.00E+00	6.68E-02	4.29E+00
1030A	2.21E+00	6.08E-01	0.00E+00	6.35E-02	2.89E+00



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SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
2050	4.41E+00	3.95E-01	0.00E+00	6.32E-02	4.87E+00
2400	3.75E+00	5.41E-01	0.00E+00	6.15E-02	4.35E+00
2300	2.43E+00	5.69E-01	0.00E+00	5.52E-02	3.06E+00
3050	4.68E+00	3.83E-01	0.00E+00	6.04E-02	5.13E+00
3400	3.57E+00	5.15E-01	0.00E+00	5.58E-02	4.14E+00
3300	2.37E+00	5.46E-01	0.00E+00	5.04E-02	2.96E+00
7050	4.65E+00	3.88E-01	0.00E+00	6.15E-02	5.10E+00
7400	3.85E+00	5.31E-01	0.00E+00	5.93E-02	4.44E+00
7300	2.44E+00	5.58E-01	0.00E+00	5.28E-02	3.05E+00
8050	5.76E+00	4.20E-01	0.00E+00	5.97E-02	6.24E+00
8400	4.79E+00	5.77E-01	0.00E+00	5.64E-02	5.42E+00
8300	3.21E+00	5.96E-01	0.00E+00	4.93E-02	3.86E+00

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

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	6.66E+01	9.08E+00	0.00E+00	2.24E-01	7.59E+01
1400	5.46E+01	1.56E+01	0.00E+00	2.11E-01	7.04E+01
1030A	4.17E+01	1.79E+01	0.00E+00	1.92E-01	5.98E+01
2050	6.62E+01	8.61E+00	0.00E+00	1.60E-01	7.49E+01
2400	5.90E+01	1.52E+01	0.00E+00	1.67E-01	7.44E+01
2300	4.55E+01	1.72E+01	0.00E+00	1.25E-01	6.29E+01
3050	6.92E+01	8.43E+00	0.00E+00	1.36E-01	7.78E+01
3400	5.69E+01	1.48E+01	0.00E+00	1.20E-01	7.18E+01
3300	4.66E+01	1.68E+01	0.00E+00	8.68E-02	6.35E+01
7050	6.90E+01	8.51E+00	0.00E+00	1.45E-01	7.76E+01
7400	6.17E+01	1.51E+01	0.00E+00	1.49E-01	7.69E+01
7300	4.69E+01	1.70E+01	0.00E+00	1.06E-01	6.41E+01
8050	8.41E+01	9.24E+00	0.00E+00	9.27E-02	9.34E+01
8400	7.32E+01	1.65E+01	0.00E+00	8.54E-02	8.98E+01
8300	6.08E+01	1.84E+01	0.00E+00	4.33E-02	7.93E+01

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

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	4.77E+00	4.27E-01	0.00E+00	7.07E-02	5.27E+00
1400	3.66E+00	5.65E-01	0.00E+00	6.68E-02	4.29E+00
1030A	2.21E+00	6.08E-01	0.00E+00	6.35E-02	2.89E+00



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SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
2050	4.41E+00	3.95E-01	0.00E+00	6.32E-02	4.87E+00
2400	3.75E+00	5.41E-01	0.00E+00	6.15E-02	4.35E+00
2300	2.43E+00	5.69E-01	0.00E+00	5.52E-02	3.06E+00
3050	4.68E+00	3.83E-01	0.00E+00	6.04E-02	5.13E+00
3400	3.57E+00	5.15E-01	0.00E+00	5.58E-02	4.14E+00
3300	2.37E+00	5.46E-01	0.00E+00	5.04E-02	2.96E+00
7050	4.65E+00	3.88E-01	0.00E+00	6.15E-02	5.10E+00
7400	3.85E+00	5.31E-01	0.00E+00	5.93E-02	4.44E+00
7300	2.44E+00	5.58E-01	0.00E+00	5.28E-02	3.05E+00
8050	5.76E+00	4.20E-01	0.00E+00	5.97E-02	6.24E+00
8400	4.79E+00	5.77E-01	0.00E+00	5.64E-02	5.42E+00
8300	3.21E+00	5.96E-01	0.00E+00	4.93E-02	3.86E+00

Table 57. Non-renewable resources results for every paint product, interior paint, per 1 m<sup>2</sup> for 60 years by market life (kg)

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	1.69E+00	2.86E-01	0.00E+00	6.24E-03	1.98E+00
1400	1.38E+00	4.95E-01	0.00E+00	5.88E-03	1.88E+00
1030A	1.05E+00	5.69E-01	0.00E+00	5.34E-03	1.62E+00
2050	1.67E+00	2.71E-01	0.00E+00	4.48E-03	1.95E+00
2400	1.48E+00	4.83E-01	0.00E+00	4.67E-03	1.97E+00
2300	1.13E+00	5.48E-01	0.00E+00	3.50E-03	1.68E+00
3050	1.74E+00	2.66E-01	0.00E+00	3.82E-03	2.01E+00
3400	1.43E+00	4.69E-01	0.00E+00	3.39E-03	1.90E+00
3300	1.15E+00	5.34E-01	0.00E+00	2.46E-03	1.69E+00
7050	1.74E+00	2.68E-01	0.00E+00	4.07E-03	2.01E+00
7400	1.55E+00	4.78E-01	0.00E+00	4.16E-03	2.03E+00
7300	1.16E+00	5.41E-01	0.00E+00	2.99E-03	1.71E+00
8050	2.11E+00	2.91E-01	0.00E+00	2.64E-03	2.40E+00
8400	1.83E+00	5.23E-01	0.00E+00	2.44E-03	2.35E+00
8300	1.50E+00	5.85E-01	0.00E+00	1.28E-03	2.09E+00

Table 58. Renewable resources results for every paint product, interior paint, per 1 m<sup>2</sup> for 60 years by market life (kg)

SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
1050	4.36E-08	1.75E-11	0.00E+00	-2.53E-07	-2.09E-07
1400	4.22E-08	1.45E-10	0.00E+00	-2.39E-07	-1.97E-07
1030A	4.36E-08	1.94E-10	0.00E+00	-2.33E-07	-1.89E-07







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SKU	Stage 1	Stage 2	Stage 3	Stage 4	Total
2050	4.38E-08	2.33E-11	0.00E+00	-2.52E-07	-2.08E-07
2400	4.21E-08	1.48E-10	0.00E+00	-2.37E-07	-1.95E-07
2300	4.25E-08	1.97E-10	0.00E+00	-2.29E-07	-1.87E-07
3050	4.31E-08	2.55E-11	0.00E+00	-2.51E-07	-2.08E-07
3400	4.18E-08	1.51E-10	0.00E+00	-2.36E-07	-1.94E-07
3300	4.18E-08	1.99E-10	0.00E+00	-2.27E-07	-1.85E-07
7050	4.32E-08	2.47E-11	0.00E+00	-2.52E-07	-2.08E-07
7400	4.16E-08	1.50E-10	0.00E+00	-2.37E-07	-1.95E-07
7300	4.21E-08	1.98E-10	0.00E+00	-2.28E-07	-1.86E-07
8050	4.75E-08	2.80E-11	0.00E+00	-2.75E-07	-2.28E-07
8400	4.64E-08	1.67E-10	0.00E+00	-2.61E-07	-2.15E-07
8300	4.61E-08	2.18E-10	0.00E+00	-2.49E-07	-2.03E-07

#### 4. LCA Interpretation

The LCA results for the manufacturing of Behr Premium Plus® Interior Paint products are dominated by the raw material specifically across all impact categories. The Deep bases (i.e., 1030A, 2300, 3300, 7300, and 8300) have the lowest impacts in every category for every sheen, and the White bases (i.e., 1050, 2050, 3050, 7050, and 8050) have the highest impacts because the Deep bases do not contain any TiO<sub>2</sub>, and the White bases contain the most TiO<sub>2</sub>.

While raw materials dominate most impact categories, SFP is unique in that the Use and Maintenance Stage (i.e., Stage 3) has a significant contribution. For the high gloss paints, Stage 3 contributes 72% to 80% of the SFP impacts leading their SFP to be 3 to 4 times greater than the paints with other sheens. This is due to the fact that the VOC emissions from the high gloss paints range from 115 to 144 g/L of paint, while the VOC emissions from the other sheens are <3.4 g/L of paint.

Additionally, end-of-life contributes 28% to 42% of the EP. The EP from end-of-life is primarily driven by NO<sub>x</sub> emissions from the combustion of paper, plastic, and wood packaging.





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## 5. Additional Environmental Information

### 5.1. Environmental Activities and Certifications



#### GREENGUARD Certification

Behr Premium Plus® Interior 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 [greenguard.org](http://greenguard.org).



#### MPI Extreme Green Performance™ Standard (MPI GPS-2-12)

Behr Premium Plus® Interior paint are certified with the MPI Extreme Green Performance™ (X-Green) Standard, a three-pronged standard that has requirements on indoor air quality, durability, and environmental safety of paint products.

MPI's Green Performance™ Standards were established to challenge the thinking that VOC level alone should determine a 'green' coating. MPI believes that performance and durability are critical to true sustainability, since premature failure and the frequent repainting that results inevitably leads to greater VOC emissions and non-sustainable and costly maintenance operations. Therefore, paints certified to MPI's Green Performance™ Standard:

- 1) Provide performance and durability equal to their 'conventional' counterparts;
- 2) Have eliminated or contain only trace quantities of various undesirable chemical compounds such as phthalates;
- 3) Have reduced VOC. MPI's GPS 2 -- the most stringent in North America when introduced in 2007 -- has a maximum allowable VOC of 50 g/l across the board for all paint types.

The Extreme Green Environmental Performance™ Standard, which complements MPI's Green Performance™ Standards includes the following additional requirements:

- 1) No carcinogenic ingredients;
- 2) Maximum 50 g/l VOC;
- 3) Submit a third-party test result verifying they meet CHPS (Collaborative for High Performance Schools) emissions requirements;





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4) The certification of emissions compliance to CHPS must be within two years of testing.

The MPI Green Performance™ Standard is the only green paint/coatings certification required by both the US and Canadian governments and referenced by the South Coast Air Quality Management District (SCAQMD).

## 5.2. Further Information

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

## 6. References

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- NSF 2015 NSF. (2015). *Product Category Rule (PCR) for Architectural Coatings*. USA: NSF: [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)
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## 7. Contact Information

### 8.1. Study Commissioner



Behr Paint Company

[Phone number: (714) 545-7101]



# ENVIRONMENTAL PRODUCT DECLARATION



Premium Plus® Interior Paint



According to ISO 14025,  
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Email: [anwang@behr.com](mailto:anwang@behr.com)

1801 E. St. Andrew Place, Santa Ana, CA 92705

[www.behr.com](http://www.behr.com)

## 8.2. LCA Practitioner

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Sphera Solutions Inc.



[servicequality@sphera.com](mailto:servicequality@sphera.com)

130 E Randolph St #2900. Chicago, IL 6060

[www.sphera.com](http://www.sphera.com)

