In accordance with ISO 14025:2006 and ISO 21930:2017 standards for: Interior coating products manufactured by Pintuco at its plant located in Rionegro, Antioquia, Colombia.

Environmental Product Declaration





Registration date: 05-09-2025

Valid until: 05-09-2030



Administrative information

Certified international environmental product declaration

Declared product:	One (1) square meter of interior coating ¹ for a period of 60 years			
EPD owner:	Pintuco Colombia Medellín–Bogotá Highway Rionegro Antioquia https://www.pintuco.com.co/	Pintuco		
LCA study:	Casostenible S.A.S Bogotá, Colombia www.casostenible.com	Casostenible Consultorie en Gestión Ambiental & Sostenibilidad		
Program operator:	Labeling Sustainability 11670 W Sunset Blvd Los Angeles, CA 90049 www.labelingsustainability.com	LABELING sustainability		
Product category rule (PCR):	Architectural Coatings: NAICS 325510			
	Program operator: NSF International National Center for Sustainability Standards			
Independent LCA reviewer and EPD verifier:	Independent verification of the declaration, in accordance with the ISO 14025:2006 standard	NSF		
	Internal External X Third party verifier			
	Denice V. Staaf, external verifier certified under Labeling Sustainability Program (www.labelingsustainability.com)			
Date of issue:	September 05, 2025			
Validity period:	5 years. Valid until September 05, 2030			
EPD number:	PINCOLINT09052501			

¹ In order to support comparative assertions, this EPD meets all comparability requirements stated in ISO 14025:2006. However, 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.

Company information

EPD owner: Pintuco Colombia

Contact:

Mabel Contreras

Mabel.Contreras@akzonobel.com

Description of the organization:

Pintuco® S.A.S. is a privately owned company with 80 years of experience, recognized as a market leader in the paints and coatings sector in Colombia. Throughout its history, it has played a pivotal role in the country's industrial, urban, and social development by providing reliable solutions for both infrastructure and the well-being of Colombian households.

With a solid presence in Central America and the Andean Region, Pintuco offers a comprehensive portfolio that meets the needs of the residential, institutional, road infrastructure, industrial, and architectural sectors. Its products are distinguished by their quality, cutting-edge technology, and environmentally responsible processes, enabling the company to effectively serve a wide range of clients across diverse markets.

Pintuco has a portfolio of leading brands across various categories:

Architectural Coatings

- **Viniltex**®: A line of interior and exterior paints offering high coverage, washability, durability, and low-VOC formulations.
- **Koraza**®: Exterior solutions with high resistance to weathering, humidity, and UV rays, designed to protect and extend the life of building façades.

These paints are renowned for their innovation, quality, and performance for both interior and exterior applications. They are complemented by **Colortech®**, Pintuco's proprietary tinting system, which ensures color precision and variety.

Specialized Brands for Various Industrial Sectors

- **International**®: A global brand of industrial and marine coatings from AkzoNobel, recognized for its leadership in protection solutions that extend asset life in key sectors such as infrastructure, oil and gas, energy generation, and marine industry.
- **Sikkens**®: A premium automotive brand offering solutions focused on efficiency, emissions reduction, and high-end aesthetic quality for refinishing, based on three pillars: services, products, and training.
- Interpon®: Solvent-free powder coatings that enable efficient low-temperature curing, reducing energy consumption and generating zero VOC (volatile organic compound) emissions.

Pintuco is part of **AkzoNobel**, a Dutch multinational company present in over 150 countries and globally recognized for delivering sustainable and innovative paints and coatings supported by world-class brands.

AkzoNobel is committed to being the global benchmark for sustainability in the industry, guided by science-based climate targets (SBTi) and a strategy based on three pillars:

- 1. Producing sustainable and long-lasting solutions.
- 2. Helping customers become more sustainable.
- 3. Empowering communities and employees.

Pintuco actively contributes to these objectives through initiatives that promote the circular economy, reduce environmental impact, and foster collective well-being.

At Pintuco, we believe that purposeful innovation and active sustainability are key to positively transforming our industry and our environment.

Plant location: Rionegro, Antioquia - Colombia



Product information

UN CPC Code: 3511 Paints and varnishes and related products.

Viniltex Pro 450

Viniltex® PRO 450 is a Type 1 water-based paint made from acrylic copolymers, with a matte finish and high washability and coverage, without wear or flaking.

Uses

Recommended for decorating and protecting residential walls and ceilings, offices, and conference rooms in indoor environments. For exterior walls and ceilings under shade. For use on previously painted or new surfaces such as mortar, brick, fiber cement, wood, stucco, and plaster.

Technical specifications



PROPERTY (METHOD)	VALUE	UNIT			
Viscosity 25°C ASTM D562	105 - 110	KU			
Specular gloss 60° / 85°	2.5 / 5.0	UB			
Density ASTM D1475	5.7 – 5.8	kg/gal			
рН	8.5 – 9.5	рН			
Solids by volume	42 +/- 2	%			
Solids by weight ASTM D1644	62 +/- 2	%			
Coverage (RC) %	≥ 97.4 %				
Washability	≥ 80 %				
Abrasion resistance	≥ 500	Cycles			
DRYING TIME					
Touch dry	15 - 20 Minutes				
Hand dry	1 - 4	Hours			
VOC content***	≤ 40	kg/gal			
APPROXII	MATE PERFORMANCE**	•			
TYPE OF PERFORMANCE	PRACTICAL I	PERFORMANCE			
Professional Pintuco Plaster	45 – 50 m²/gal	lon with 1 coating			
Professional Pintuco Plaster	25 – 30 m²/gal	lon with 2 coating			
When repainting over the same or a similar color	20 – 25 m²/gallon with 2 coating				
When repainting over same or similar color	$30-35 \text{ m}^2/\text{gallon}$ with 2 coating				

determine the actual performance of the product.

*The methods used to evaluate the properties listed in this technical data sheet are defined based on standard norms. If you have any questions, please contact Pintuco's quality department.
**The values shown are typical of the product and may vary. Performance

on site will depend on application methods and site conditions.

*** The lower the VOC (Volatile Organic Compounds) content, the lower the negative impact on the ozone layer, and the better it is for your health.

Viniltex Pro 650

Viniltex® PRO 650 is a water-based Type 1 paint. It is manufactured with acrylic copolymers, has a matte finish, and offers maximum washability and coverage. It provides excellent wear resistance. This product has a low content of Volatile Organic Compounds (VOC).

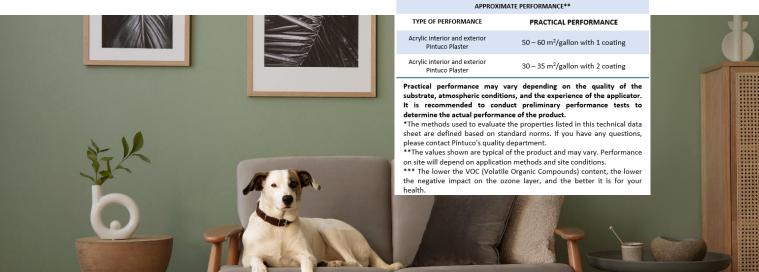
Uses

Recommended for decorating and protecting residential walls and ceilings, offices, conference rooms, and high-traffic areas in indoor environments where frequent cleaning is required. For exterior walls and ceilings that are in the shade. For use on previously painted or new surfaces such as mortar, brick, fiber cement, wood, stucco, plaster, and concrete. Viniltex® Pro 650, with its low-odor, zero-VOC formula, is ideal for environments where cleanliness and air quality are important, where there are people sensitive to odors such as children and the elderly, or people with respiratory problems such as bronchitis, asthma, or allergies. This product is approved for use in environments such as schools and healthcare facilities.

Technical specifications



PROPERTY (METHOD)	VALUE	UNIT		
Color	White			
Specular gloss 60° / 85°	2.7 / 5.0	UB		
Viscosity 25°C ASTM D562	103 - 108	KU		
Density ASTM D1475	5.7 – 5.8 kg/gal			
рН	8.5 – 9.5	рН		
Solids by volume	35.5 +/- 2	%		
Solids by weight ASTM D1644	53.13 +/- 2	%		
Coverage (RC) %	≥ 97.4	%		
Washability	≥ 85	%		
Abrasion resistance	≥ 800	Cycles		
	DRYING TIME			
Touch dry	15 - 20	Minutes		
Hand dry	1 - 4	Hours		
VOC content***	Zero g/L			
*This value applies only to white; for other colors, the value increases				



Alta Asepsia

Highly resistant acrylic coating with biocide, for indoor and outdoor use, formulated for environments that require moderate washing and disinfection and a high level of hygiene. Due to its low odor, easy application, and quick drying, it is ideal for places that need to be put into use quickly. High Asepsis Acrylic Paint has excellent resistance to dirt, high resistance to friction, and is formulated with a powerful bactericide that reduces the formation of fungal and bacterial colonies on painted surfaces by 99.9% and an antiviral that eliminates SARS-CoV 2, which causes Covid 19, and H1N1.

Uses

Due to its excellent finish, high washability, and resistance to moisture and water vapor, it is recommended for the protection and maintenance of ceilings and walls in areas that require high asepsis conditions and frequent washing, such as: hospitals, schools, shopping centers, hotels, veterinary clinics, pharmacies, laboratories, medical and dental offices, kitchens and food production plants, common areas, beauty salons, aesthetic clinics, and gyms. Due to its low odor and low VOC content, it is ideal for environments where cleanliness and air quality are important, where there are people sensitive to odors such as children and the elderly, or people with respiratory problems such as bronchitis, asthma, or allergies.

Technical specifications



Intervinil Pro 200

Intervinil ® PRO 200 is a Type 2 water-based paint made from acrylic copolymers with a matte finish, designed to provide greater productivity and economy in first coats, as it allows high dilution while maintaining good coverage.

Uses

Recommended for first coats on walls or finishes on ceilings in buildings in general, in indoor environments, both in new construction and repainting. For use on previously painted or new surfaces such as mortar, brick, fiber cement, wood, stucco, and plaster.

Technical specifications



PROPERTY (METHOD)	VALUE	UNIT		
Viscosity 25°C ASTM D562	120 - 125	KU		
Specular gloss 60° / 85°	3.0 / 6.0 UB			
Density ASTM D1475	5.6 – 5.7	kg/gal		
рН	8.5 – 9.5	рН		
Solids by volume	33.5 +/- 2	%		
Solids by weight ASTM D1644	55.5 +/- 2	%		
Coverage (RC) %	≥ 98.2 %			
Washability	≥ 50	%		
Abrasion resistance	≥ 50	Cycles		
DRYING TIME				
Touch dry	15 - 20	Minutes		
Hand dry	1 - 4	Hours		
VOC content***	100 – 11 kg/gal			
APPROXI	MATE PERFORMANCE**	×		
TYPE OF PERFORMANCE	PRACTICAL PERFORMANCE			
Over Professional Pintuco Plaster	50 – 55 m²/gallon with 1 coating			
$50 - 55 \text{ m}^2/\text{gallon with 1 coating}$				

sheet are defined based on standard norms. If you need to consult them,

**The values shown are typical of the product and may vary. Performance

on site will depend on application methods and site conditions.

please contact Pintuco's quality department.

Intervinil Pro 400

Intervinil® Pro 400 is a Type 2 water-based paint with high whiteness. It is manufactured from acrylic copolymers, has a matte finish, and is designed to provide good coverage and performance even when highly diluted. It has a very smooth and soft finish and excellent leveling properties. It has a low content of Volatile Organic Compounds (VOC) (<40 g/l).

Uses

Recommended for first coats or finishes on ceilings and in low-traffic areas of buildings in general, in indoor environments, both in new construction and repainting. For use on previously painted or new surfaces such as mortar, brick, fiber cement, wood, stucco, concrete, and plaster.

Technical specifications



PROPERTY (METHOD)	VALUE	UNIT	
Color	White		
Whiteness	80	%WB	
Specular gloss 60° / 85°	2.4 / 4.2	UB	
Viscosity 25°C ASTM D562	115 - 120	KU	
Density ASTM D1475	5.7 – 5.9	kg/gal	
рН	8.5 – 9.5	pH	
Solids by volume	39 +/- 2	%	
Solids by weight	60 +/- 2	%	
Coverage (RC) %	≥ 98.8	%	
Washability	≥ 70	%	
Abrasion resistance	≥ 70	Cycles	
	DRYING TIME		
Touch dry	15 - 20	Min	
Hand dry	1 - 4	M	
VOC content***	≤ 40	g/l	



Content information

Product composition

The following is the general composition of the products analyzed in the Life Cycle Assessment (LCA) study. The information is grouped by functional categories of raw materials in order to protect the confidentiality of the formulations while providing a representative overview of the inputs used in their manufacture.

Viniltex Pro 450

Raw materials	Approximate percentage
Vinyl/acrylic resin	Confidential
Titanium dioxide	Confidential
Mineral fillers	Confidential
Functional additives	Confidential
Water	Confidential

Viniltex Pro 650

Raw materials	Approximate percentage
Vinyl/acrylic resin	Confidential
Titanium dioxide	Confidential
Mineral fillers	Confidential
Water	Confidential
Functional additives	Confidential

Alta asepsia

Raw materials	Approximate percentage	
Vinyl/acrylic resin	Confidential	
Water	Confidential	
Titanium dioxide	Confidential	
Antimicrobial additives and preservatives	Confidential	
Other functional additives	Confidential	

Intervinil Pro 200

Raw materials	Approximate percentage
Mineral fillers	Confidential
Vinyl/acrylic resin	Confidential
Water	Confidential
Titanium dioxide	Confidential
Functional additives	Confidential



Intervinil Pro 400

Raw materials	Approximate percentage
Mineral fillers	Confidential
Vinyl/acrylic resin	Confidential
Water	Confidential
Titanium dioxide	Confidential
Functional additives	Confidential



VOC Content

The following summary table presents the VOC content determined according to ASTM D6886 and SCAQMD Method 313.

Product	Туре	VOC ASTM D6886 (g/L)
Viniltex Pro 450	White	15.00
	White	4.21
	Pastel	2.40
Viniltex Pro 650	Tint (Mid)	0.14
	Deep	2.32
	Accent	0.11
Intervinil Pro 200	White	35.00
Intominil Dro 400	White	18.15
Intervinil Pro 400	Neutral	9.75
	White	0.74
	Pastel	3.64
Alta Asepsia	Tint (Mid)	3.25
	Deep	2.72
	Accent	2.50

Packaging

For the purposes of the life cycle analysis, a can-type container was considered as the representative packaging material used in the marketing of the products evaluated. The impact associated with this material was assigned proportionally to the declared functional unit (1 m² of product).

LCA information

Funtional unit (FU): 1 m² of interior coating for a period of 60 years (the assumed lifetime of a building)

The quality levels and corresponding coating quantities for Pintuco interior coatings were determined based on available durability test results. Where no test data were available, the coatings were conservatively classified under the "low quality" category, in line with the reference PCR.

In accordance with PCR requirements, the number of applications needed over the 60-year reference service life of a building was considered to ensure the functional unit is satisfied. The resulting lifetimes and quantities required for each product are summarized in the following table.

					Number of coatings to satisfy FU (includes first time)		Total Cad FU (k	oting per g/m²)
Product	Туре	Market-Based Lifetime (Years)	Design life (Years)	Coating per unit area (kg/m²	Market- Based Lifetime	Design life	Market- Based Lifetime	Design life
Viniltex Pro 450	Interior	5	3	0,23	12	20	2,76	4,6
Viniltex Pro 650	Interior	5	3	0,17	12	20	2,04	3,4
Intervinil Pro 200	Interior	5	3	0,11	12	20	1,32	2,2
Intervinil Pro 400	Interior	5	3	0,11	12	20	1,32	2,2
Alta Asepsia	Interior	5	3	0,23	12	20	2,76	4,6

As required by the reference PCR, the inventory for colorants in Pintuco coatings was modeled using the GaBi dataset for carbon black pigment, applied in the quantity specified for each type of coating base. The amounts considered for each product are presented in table below. Since reliable life cycle inventories are not widely available for most colorants, the standardized carbon black dataset was applied to ensure consistency and comparability across all product formulas.

Colorant required to

	satisfy the FU (g/m²) (Excludes first application)						
Product	Interior/Exterior	Туре	Reference		Colorant required to satisfy the first application (g/m²)	In design lifespan	In market lifespan
Viniltex Pro 450	Interior	Blanco	-	-	-	-	-
		Blanco	-	-	-	-	-
		Pastel	Pastel Base	66,29	8,32	157,99	91,47
Viniltex Pro 650	Interior	Tint (Mid)	Mid Base	89,34	11,21	212,94	123,28
		Deep	Deep Base	112,40	14,10	267,89	155,09
		Accent	Accent Base	134,01	16,81	319,41	184,92
Intervinil Pro 200	Interior	Blanco	-	-	-	-	-

Colorant required to
satisfy the FU (g/m²)
(Excludes first
application)

Product	Interior/Exterior	Туре	PCR Reference	Amount of colorant (g/L)	Colorant required to satisfy the first application (g/m²)	In design lifespan	In market lifespan
		Blanco	-	-	-	-	-
Intervinil Pro 400		Pastel	Pastel Base	66,29	4,76	90,42	52,35
	Interior	Tint (Mid)	Mid Base	89,34	6,41	121,87	70,55
		Deep	Deep Base	112,40	8,07	153,32	88,76
		Accent	Accent Base	134,01	9,62	182,80	105,83
		Blanco	-	-	-	-	-
		Pastel	Pastel Base	66,29	12,55	238,37	138,01
Alta Asepsia	Interior	Tint (Mid)	Mid Base	89,34	16,91	321,29	186,01
		Deep	Deep Base	112,40	21,27	404,20	234,01
		Accent	Accent Base	134,01	25,36	481,93	279,01

LCA type: Cradle to grave.

Representativeness over time: The life cycle analysis inventory data represents production for the 12 months of 2024.

LCA data and software used: The data and software used to perform the life cycle analysis were Ecoinvent 3.10 and SimaPro 9.6, and the built-in system model "Allocation cut-off by classification" was also used.

Summary of data quality assessment: Data quality was assessed based on criteria of geographical, technical, and temporal representativeness, as well as in terms of accuracy, completeness, consistency, and traceability of the source. For raw material consumption and transport distances were provided directly by Pintuco and supplemented with secondary datasets from the Ecoinvent 3.10 data (updated to December 2024), which were regionalized to adequately reflect the conditions of the production sites. Although the datasets are secondary in nature at these stages, the quantities used correspond to actual and specific values for the process.

In manufacturing stage, primary data collected by Pintuco at its production plant located in Rionegro, Antioquia, during 2024 was used. The data quality assessment was carried out in accordance with the guidelines established in Annex E, Table E.1 of standard EN 15804:2012+A2:2019/AC:2021.

System boundaries

			De	escript	ion of S	Systen	n Boun	daries					
Stage 1 Product Stage (Modules 1-3)			Stage 2 Design & Construction Stage (Modules 4-5)						_	e 4 End - (Module			
A1	A2	А3	A4	A5	B1	B2	В3	B4	B5	C1	C2	С3	C4
Extraction and upstream production	Transport to factory	Manufacturing	Transport to site	Installation			ational e			De-construction / Demolition	Transport to waste processing or disposal	Waste processing	Disposal of waste
•		•	•	•	•	•	•	•	•	•	•	•	•

Description of system boundaries

Stage 1. Product stage

Raw material manufacturing: This stage of the life cycle covers all environmental aspects associated with the extraction, processing, and transformation of raw materials, from the sourcing of natural resources to their departure from the supplier's facilities as inputs ready to be used in the formulation of coatings.

It also includes the energy consumption associated with this phase, which is 100% renewable electricity, consisting of self-generation (photovoltaic system) and other I-REC-certified sources, as well as the use of fossil fuels at the supplier's facilities for the internal transport of raw materials and supplies.

Transportation of raw material to Plant: This stage refers to the transportation of raw materials and inputs from their place of production (supplier) to the Pintuco plant in Rionegro, Antioquia. It considers the various modes of transport used by manufacturers and distributors, including maritime and land transport for imported raw materials and inputs, and land transport for those of national origin.

Coating Manufacturing: This stage includes all operations carried out at the Pintuco plant for the production of coatings, encompassing dosing, dispersion, dilution, and packaging. It also considers auxiliary inputs required during the process, as well as the management, transport, and final disposal of waste generated during the manufacturing phase.

Stage 2. Design & Construction Stage

Considers the distribution of finished products from the manufacturing facility to distribution centers, to points of sale, and finally to the application site. Default transport distances and vehicle types recommended by the PCR are applied.

Stage 3. Use & Maintenance Stage

Coating application: The first application of the coating to the substrate is included in the system boundary. The amount of coating required is determined by the declared coverage rates to satisfy the functional unit. Installation activities beyond the application itself (e.g., tools, labor, energy, and water use) are excluded, consistent with PCR guidance.

Emissions from drying: VOC content values are declared for each coating. However, direct VOC emissions during application and drying are not modeled due to the absence of laboratory data on emission factors. This constitutes a data limitation of the study.

Necessary repairs and reapplications: To maintain the protective function of the coating over the 60-year reference service life, periodic reapplications are included. The frequency of reapplications is determined by the product's design life and market life, following PCR assumptions for low-quality designation when laboratory durability data are not available. No additional maintenance activities beyond reapplication are modeled.

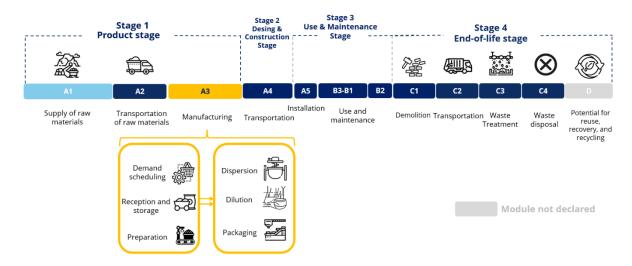
Stage 4. End-of-life stage

The end-of-life stage begins once any unused or applied coating, together with its primary packaging, enters the waste stream. In line with the PCR, this stage considers only transportation to the disposal site (C2) and end-of-life management (C3–C4). Secondary packaging such as pallets and wrapping is excluded from the system boundary.

Transportation to Disposal Site (C2): For waste transport, a distance of 11.27 km was applied, representing the greatest distance between the largest sales cities in Colombia and authorized disposal sites. Transport was modeled with a EURO 4 heavy-duty truck (16–32 t capacity), assuming round trips with empty returns.

End-of-Life Management (C3–C4): Applied coatings remain adhered to the substrate and are disposed of jointly with it as inert mass, without separate treatment. It is assumed that 10% of the coating mass remains unused and is discarded directly. Primary packaging, made of plastics, is modeled with a 9% recycling rate; the remaining 91% is distributed as 82% to landfill and 18% to incineration, following PCR defaults.

System diagram



Cut-off criteria

- The life cycle analysis includes the product, end-of-life, and benefit stages, as well as loads beyond the system boundary.
- The study does not exclude any module or process that is established as mandatory in ISO 21930:2017.
- The study includes all major raw material and energy consumption of unit processes.
- All inputs and outputs of unit processes for which data is available and recorded for 12 months in 2024 were included in the calculations.
- The total excluded input and output flows do not exceed 5% of energy use or mass relative to the total weight of the product.
- According to NSF International's Architectural Coatings PCR: NAICS 325510, secondary
 packaging such as pallets and stretch wrap are excluded from the analysis.

Allocation, estimation, and assumptions

In this study, according to ISO 14044:2006, allocation is carried out according to the following steps:

- 1. Avoid allocation.
- 2. Allocation should be based on the physical properties of the inputs and outputs of the system (e.g., mass, volume).
- 3. If allocation cannot be made based on physical properties, inputs and outputs could be allocated among co-products in proportion to the economic value of the products.

This LCA study is carried out in accordance with all methodological considerations, such as system boundaries, data quality, mass allocations, and percentages below 1% to evaluate inputs and outputs.

Some of the assumptions were as follows:

- The total energy consumption reported for the water plant was allocated proportionally to the products under analysis, based on production volumes for the year 2024. This allocation ensures a representative distribution of energy resource consumption throughout the value chain.
- The characterization of emissions to water was carried out specifically for each stream of the plant's wastewater treatment system. Based on this data and considering the production volumes of each formulation, a precise allocation was made that reflects the relative contribution of each product to the treated water discharges.

Regarding the assumptions adopted to complete the inventory information:

- In cases where detailed information on the port of departure of imported raw materials or inputs was not available, the seaport closest to the manufacturer's official address was assumed as a reference in order to conservatively represent the distances involved in the international transport stage.
- For raw materials and inputs of international origin, the port of Cartagena was established as the point of entry into Colombia, given its relevance as the main logistics hub for imports of this type of product.

Results

Life cycle impact assessment indicators for 1 m2 of interior coating for a period of 60 years

Disclaimers:

- The results of the end-of-life stage (module C) should be taken into account when using the results of the production stage (modules A1-A3).
- The environmental performance results are relative expressions and do not predict impacts on category endpoints, threshold exceedances, safety margins, or risks.

Viniltex Pro 450

Global Warming Potential	(kg CO2 eq) - TRACI 2.1 IPCC	2007				
Design life	Viniltex Pro 450 White					
Stage 1. Product	tage 1. Product A1-A3					
Stage 2. Desing & Construction	A4	5.11E-02	Stage 2. Desi			
Stage 3. Use & Maintenance	A5 - B7	5.99E+00	Stage 3. Use			
Stage 4. End-of-life	C1 - C4	1.27E-01	Stage 4. End-			
Total	Life Cycle	6.48E+00	Total			
Global Warming Potential - Total (kg CO2 eq)	Including Biogenic Carbon - E PCC 2021	N 15804 +A2 (adapted) -	Global Warmin			
		Viniltex Pro 450 White				
Stage 1. Product	A1-A3	3.16E-01	Stage 1. Prod			
Stage 2. Desing & Construction	A4	5.10E-02	Stage 2. Desi			
Stage 3. Use & Maintenance	A5 - B7	6.01E+00	Stage 3. Use			
Stage 4. End-of-life	C1 - C4	1.26E-01	Stage 4. End-			
		Total				

Global Warming Potential (kg CO2 eq) - TRACI 2.1 IPCC 2007								
Market life	Viniltex Pro 450 White							
Stage 1. Product	age 1. Product A1-A3							
Stage 2. Desing & Construction	A4	5.11E-02						
Stage 3. Use & Maintenance	A5 - B7	3.47E+00						
Stage 4. End-of-life	C1 - C4	4.03E-02						
Total	3.87E+00							
Global Warming Potential - Total (kg CO2 eq) Ir	ncluding Biogenic Carbon - E CC 2021	EN 15804 +A2 (adapted) -						
Market life		Viniltex Pro 450 White						
Stage 1. Product	A1-A3	3.16E-01						
Stage 2. Desing & Construction	A4	5.10E-02						
Stage 3. Use & Maintenance	A5 - B7	3.48E+00						
Stage 4. End-of-life	C1 - C4	4.00E-02						
Total	Life Cycle	3.89E+00						

Global Warming Potential - Biogenic (kg CO2	eq) - EN 15804 +A2 (ada _l	pted) - IPCC 2021	Global Warming Potential - Biogenic (kg CO2 eq) - EN 15804 +A2 (adapted) - IPCC 2021					
Market life		Viniltex Pro 450 White	Market life		Viniltex Pro 450 White			
Stage 1. Product	A1-A3	1.39E-08	Stage 1. Product	A1-A3	1.39E-08			
Stage 2. Desing & Construction	A4	7.82E-10	Stage 2. Desing & Construction	A4	7.82E-10			
Stage 3. Use & Maintenance	A5 - B7	2.65E-07	Stage 3. Use & Maintenance	A5 - B7	1.53E-07			
Stage 4. End-of-life	C1 - C4	3.20E-10	Stage 4. End-of-life	C1 - C4	9.39E-11			
Total	Life Cycle	2.80E-07	Total	Life Cycle	1.68E-07			
Ozone Depletion Pote	ntial (kg CFC 11 eq)		Ozone Depletion Pote	ntial (kg CFC 11 eq)				
Market life		Viniltex Pro 450 White	Market life Viniltes					
Stage 1. Product	A1-A3	1.39E-08	Stage 1. Product	A1-A3	1.39E-08			
Stage 2. Desing & Construction	A4	7.82E-10	Stage 2. Desing & Construction	A4	7.82E-10			
Stage 3. Use & Maintenance	A5 - B7	2.65E-07	Stage 3. Use & Maintenance A5 - B7		1.53E-07			
Stage 4. End-of-life	C1 - C4	3.20E-10	Stage 4. End-of-life C1 - C4		9.39E-11			
Total	Life Cycle	2.80E-07	Total Life Cycle		1.68E-07			
Acidification Poter	ntial (kg SO2 eq)		Acidification Potential (kg SO2 eq)					
Market life		Viniltex Pro 450 White	Market life		Viniltex Pro 450 White			
Stage 1. Product	A1-A3	2.57E-03	Stage 1. Product	A1-A3	2.57E-03			
Stage 2. Desing & Construction	A4	1.69E-04	Stage 2. Desing & Construction	A4	1.69E-04			
Stage 3. Use & Maintenance	A5 - B7	4.88E-02	Stage 3. Use & Maintenance	A5 - B7	2.82E-02			
Stage 4. End-of-life	C1 - C4	1.25E-04	Stage 4. End-of-life	C1 - C4	3.58E-05			
Total	Life Cycle	5.16E-02	Total	Life Cycle	3.10E-02			
Eutrophication Po	tential (kg N eq)		Eutrophication Po	tential (kg N eq)				
Market life		Viniltex Pro 450 White	Market life		Viniltex Pro 450 White			
Stage 1. Product	A1-A3	2.96E-04	Stage 1. Product	A1-A3	2.96E-04			
Stage 2. Desing & Construction	A4	1.13E-05	Stage 2. Desing & Construction	A4	1.13E-05			
Stage 3. Use & Maintenance	A5 - B7	5.62E-03	Stage 3. Use & Maintenance	A5 - B7	3.26E-03			
Stage 4. End-of-life	C1 - C4	2.80E-05	Stage 4. End-of-life	C1 - C4	8.81E-06			
Total	Life Cycle	5.96E-03	Total	Life Cycle	3.57E-03			

Potential for creating photochemical oxidants (smog) (kg O3 eq)									
Market life	Viniltex Pro 450 White								
Stage 1. Product	A1-A3	1.82E-02							
Stage 2. Desing & Construction	A4	4.77E-03							
Stage 3. Use & Maintenance	A5 - B7	3.46E-01							
Stage 4. End-of-life	C1 - C4	3.74E-03							
Total	Ciclo de vida	3.73E-01							

Potential for creating photochemical oxidants (smog) (kg O3 eq)									
Market life	Viniltex Pro 450 White								
Stage 1. Product	A1-A3	1.82E-02							
Stage 2. Desing & Construction	A4	4.77E-03							
Stage 3. Use & Maintenance	A5 - B7	2.00E-01							
Stage 4. End-of-life	C1 - C4	1.06E-03							
Total	Life Cycle	2.24E-01							

Viniltex Pro 650

Global Warming Potential (kg CO2 eq) - TRACI 2.1 IPCC 2007										
Design life	Viniltex Pro 650 White	Viniltex Pro 650 Pastel	Viniltex Pro 650 Tint (Mid)	Viniltex Pro 650 Deep	Viniltex Pro 650 Accent					
Stage 1. Product	A1-A3	2.91E-01	2.84E-01	2.76E-01	2.10E-01	1.69E-01				
Stage 2. Desing & Construction	A4	3.77E-02	3.77E-02	3.77E-02	3.77E-02	3.77E-02				
Stage 3. Use & Maintenance	A5 - B7	5.52E+00	5.40E+00	5.24E+00	3.99E+00	3.22E+00				
Stage 4. End-of-life	C1 - C4	9.91E-02	9.91E-02	9.91E-02	9.91E-02	9.91E-02				
Total	5.95E+00	5.82E+00	5.65E+00	4.33E+00	3.53E+00					
Global Warming Potenti	ial - Total (k	.,	luding Bioger 2021	nic Carbon - E	N 15804 +A2	(adapted) -				
Design life		Viniltex Pro 650 White	Viniltex Pro 650 Pastel	Viniltex Pro 650 Tint (Mid)	Viniltex Pro 650 Deep	Viniltex Pro 650 Accent				
Stage 1. Product	A1-A3	2.92E-01	2.85E-01	2.75E-01	2.09E-01	1.68E-01				
Stage 2. Desing & Construction	A4	3.77E-02	3.77E-02	3.77E-02	3.77E-02	3.77E-02				
Stage 3. Use & Maintenance	A5 - B7	5.55E+00	5.41E+00	5.23E+00	3.97E+00	3.19E+00				
Stage 4. End-of-life	C1 - C4	9.84E-02	9.84E-02	9.84E-02	9.84E-02	9.84E-02				
Total	Life Cycle	5.98E+00	5.83E+00	5.64E+00	4.31E+00	3.49E+00				

Globa	ıl Warming	Potential (kg	CO2 eq) - TR	ACI 2.1 IPCC	2007	Global Warming Potential (kg CO2 eq) - TRACI 2.1 IPCC 2007										
Market Life		Viniltex Pro 650 White	Viniltex Pro 650 Pastel	Viniltex Pro 650 Tint (Mid)	Viniltex Pro 650 Deep	Viniltex Pro 650 Accent										
Stage 1. Product	A1-A3	2.91E-01	2.84E-01	2.76E-01	2.10E-01	1.69E-01										
Stage 2. Desing & Construction	A4	3.77E-02	3.77E-02	3.77E-02	3.77E-02	3.77E-02										
Stage 3. Use & Maintenance	A5 - B7	3.33E+00	3.13E+00	3.03E+00	2.31E+00	1.86E+00										
Stage 4. End-of-life	C1 - C4	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02										
Total Life Cycle		3.72E+00	3.51E+00	3.40E+00	2.61E+00	2.13E+00										
Global Warming Potentia	al - Total (kg		luding Biogen 2021	ic Carbon - E	N 15804 +A2	(adapted) -										
Market Life		Viniltex Pro 650 White	Viniltex Pro 650 Pastel	Viniltex Pro 650 Tint (Mid)	Viniltex Pro 650 Deep	Viniltex Pro 650 Accent										
Stage 1. Product	A1-A3	2.92E-01	2.85E-01	2.75E-01	2.09E-01	1.68E-01										
Stage 2. Desing & Construction	A4	3.77E-02	3.77E-02	3.77E-02	3.77E-02	3.77E-02										
Stage 3. Use & Maintenance	A5 - B7	3.35E+00	3.13E+00	3.03E+00	2.30E+00	1.85E+00										
Stage 4. End-of-life	C1 - C4	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02										
Total	Life	3.74E+00	3.52E+00	3.40E+00	2.60E+00	2.11E+00										

Global Warming F	Potential - B	iogenic (kg C	O2 eq) - EN 1	5804 +A2 (ada	pted) - IPCC	2021	Global Warming Potential - Biogenic (kg CO2 eq) - EN 15804 +A2 (adapted) - IPCC 2021						
Design life		Viniltex Pro 650 White	Viniltex Pro 650 Pastel	Viniltex Pro 650 Tint (Mid)	Viniltex Pro 650 Deep	Viniltex Pro 650 Accent	Market Life		Viniltex Pro 650 White	Viniltex Pro 650 Pastel	Viniltex Pro 650 Tint (Mid)	Viniltex Pro 650 Deep	Viniltex Pro 650 Accent
Stage 1. Product	A1-A3	1.11E-08	2.58E-09	3.08E-09	1.90E-09	1.27E-09	Stage 1. Product	A1-A3	1.11E-08	2.58E-09	3.08E-09	1.90E-09	1.27E-09
Stage 2. Desing & Construction	A4	5.78E-10	5.78E-10	5.78E-10	5.78E-10	5.78E-10	Stage 2. Desing & Construction	A4	5.78E-10	5.78E-10	5.78E-10	5.78E-10	5.78E-10
Stage 3. Use & Maintenance	A5 - B7	2.10E-07	4.89E-08	5.85E-08	3.62E-08	2.40E-08	Stage 3. Use & Maintenance	A5 - B7	1.24E-07	2.83E-08	3.39E-08	2.10E-08	1.39E-08
Stage 4. End-of-life	C1 - C4	2.29E-10	2.29E-10	2.29E-10	2.29E-10	2.29E-10	Stage 4. End-of-life	C1 - C4	1.37E-10	1.37E-10	1.37E-10	1.37E-10	1.37E-10
Total	Life Cycle	2.22E-07	5.23E-08	6.24E-08	3.89E-08	2.61E-08	Total	Life Cycle	1.36E-07	3.16E-08	3.77E-08	2.36E-08	1.59E-08
	Ozone	Depletion Po	tential (kg CF	C 11 eq)				Ozone l	Depletion Po	tential (kg CF	C 11 eq)		
Design life		Viniltex Pro 650 White	Viniltex Pro 650 Pastel	Viniltex Pro 650 Tint (Mid)	Viniltex Pro 650 Deep	Viniltex Pro 650 Accent	Market Life		Viniltex Pro 650 White	Viniltex Pro 650 Pastel	Viniltex Pro 650 Tint (Mid)	Viniltex Pro 650 Deep	Viniltex Pro 650 Accent
Stage 1. Product	A1-A3	1.11E-08	2.58E-09	3.08E-09	1.90E-09	1.27E-09	Stage 1. Product	A1-A3	1.11E-08	2.58E-09	3.08E-09	1.90E-09	1.27E-09
Stage 2. Desing & Construction	A4	5.78E-10	5.78E-10	5.78E-10	5.78E-10	5.78E-10	Stage 2. Desing & Construction	A4	5.78E-10	5.78E-10	5.78E-10	5.78E-10	5.78E-10
Stage 3. Use & Maintenance	A5 - B7	2.10E-07	4.89E-08	5.85E-08	3.62E-08	2.40E-08	Stage 3. Use & Maintenance	A5 - B7	1.24E-07	2.83E-08	3.39E-08	2.10E-08	1.39E-08
Stage 4. End-of-life	C1 - C4	2.29E-10	2.29E-10	2.29E-10	2.29E-10	2.29E-10	Stage 4. End-of-life	C1 - C4	1.37E-10	1.37E-10	1.37E-10	1.37E-10	1.37E-10
Total	Life Cycle	2.22E-07	5.23E-08	6.24E-08	3.89E-08	2.61E-08	Total	Life Cycle	1.36E-07	3.16E-08	3.77E-08	2.36E-08	1.59E-08
	Aci	dification Pot	tential (kg SO	2 eq)				Acid	dification Pot	ential (kg SO	2 eq)		
Design life		Viniltex Pro 650 White	Viniltex Pro 650 Pastel	Viniltex Pro 650 Tint (Mid)	Viniltex Pro 650 Deep	Viniltex Pro 650 Accent	Market Life		Viniltex Pro 650 White	Viniltex Pro 650 Pastel	Viniltex Pro 650 Tint (Mid)	Viniltex Pro 650 Deep	Viniltex Pro 650 Accent
Stage 1. Product	A1-A3	2.50E-03	2.17E-03	1.41E-03	8.68E-04	5.59E-04	Stage 1. Product	A1-A3	2.50E-03	2.17E-03	1.41E-03	8.68E-04	5.59E-04
Stage 2. Desing & Construction	A4	1.25E-04	1.25E-04	1.25E-04	1.25E-04	1.25E-04	Stage 2. Desing & Construction	A4	1.25E-04	1.25E-04	1.25E-04	1.25E-04	1.25E-04
Stage 3. Use & Maintenance	A5 - B7	4.75E-02	4.13E-02	2.68E-02	1.65E-02	1.06E-02	Stage 3. Use & Maintenance	A5 - B7	2.91E-02	2.39E-02	1.55E-02	9.55E-03	6.15E-03
Stage 4. End-of-life	C1 - C4	8.69E-05	8.69E-05	8.69E-05	8.69E-05	8.69E-05	Stage 4. End-of-life	C1 - C4	5.22E-05	5.22E-05	5.22E-05	5.22E-05	5.22E-05
Total	Life Cycle	5.02E-02	4.36E-02	2.84E-02	1.76E-02	1.14E-02	Total	Life Cycle	3.17E-02	2.62E-02	1.71E-02	1.06E-02	6.88E-03

	Eut	rophication F	Potential (kg I	N eq)		
Design life	Viniltex Pro 650 White	Viniltex Pro 650 Pastel	Viniltex Pro 650 Tint (Mid)	Viniltex Pro 650 Deep	Viniltex Pro 650 Accent	
Stage 1. Product	A1-A3	2.53E-04	1.94E-04	1.57E-04	9.55E-05	6.52E-05
Stage 2. Desing & Construction	A4	8.33E-06	8.33E-06	8.33E-06	8.33E-06	8.33E-06
Stage 3. Use & Maintenance	A5 - B7	4.80E-03	3.69E-03	2.99E-03	1.81E-03	1.24E-03
Stage 4. End-of-life	C1 - C4	2.16E-05	2.16E-05	2.16E-05	2.16E-05	2.16E-05
Total	Life Cycle	5.09E-03	3.92E-03	3.17E-03	1.94E-03	1.33E-03
Potent	ial for creat	ing photoche	mical oxidan	ts (smog) (kg	O3 eq)	
Design life		Viniltex Pro 650 White	Viniltex Pro 650 Pastel	Viniltex Pro 650 Tint (Mid)	Viniltex Pro 650 Deep	Viniltex Pro 650 Accent
Stage 1. Product	A1-A3	1.96E-02	1.81E-02	1.59E-02	1.12E-02	8.42E-03
Stage 2. Desing & Construction	A4	3.53E-03	3.53E-03	3.53E-03	3.53E-03	3.53E-03
Stage 3. Use & Maintenance	A5 - B7	3.72E-01	3.45E-01	3.03E-01	2.12E-01	1.60E-01
Stage 4. End-of-life	C1 - C4	2.58E-03	2.58E-03	2.58E-03	2.58E-03	2.58E-03
Total	Life Cycle	3.98E-01	3.69E-01	3.25E-01	2.30E-01	1.74E-01

	Eut	rophication P	otential (kg N	l eq)		
Market Life		Viniltex Pro 650 White	Viniltex Pro 650 Pastel	Viniltex Pro 650 Tint (Mid)	Viniltex Pro 650 Deep	Viniltex Pro 650 Accent
Stage 1. Product	A1-A3	2.53E-04	1.94E-04	1.57E-04	9.55E-05	6.52E-05
Stage 2. Desing & Construction	A4	8.33E-06	8.33E-06	8.33E-06	8.33E-06	8.33E-06
Stage 3. Use & Maintenance	A5 - B7	2.85E-03	2.14E-03	1.73E-03	1.05E-03	7.17E-04
Stage 4. End-of-life	C1 - C4	1.30E-05	1.30E-05	1.30E-05	1.30E-05	1.30E-05
Total	Life Cycle	3.12E-03	2.35E-03	1.91E-03	1.17E-03	8.04E-04
Potenti	al for creati	ng photoche	mical oxidan	ts (smog) (kg	O3 eq)	
Market Life		Viniltex Pro 650 White	Viniltex Pro 650 Pastel	Viniltex Pro 650 Tint (Mid)	Viniltex Pro 650 Deep	Viniltex Pro 650 Accent
Stage 1. Product	A1-A3	1.96E-02	1.81E-02	1.59E-02	1.12E-02	8.42E-03
Stage 2. Desing & Construction	A4	3.53E-03	3.53E-03	3.53E-03	3.53E-03	3.53E-03
Stage 3. Use & Maintenance	A5 - B7	2.47E-01	1.99E-01	1.75E-01	1.23E-01	9.26E-02
Stage 4. End-of-life	C1 - C4	1.55E-03	1.55E-03	1.55E-03	1.55E-03	1.55E-03
Total	Life	2.72E-01	2.23E-01	1.96E-01	1.39E-01	1.06E-01

Intervinil Pro 400

Global Warming Potential (kg CO2 eq) - TRACI 2.1 IPCC 2007												
Design life	Intervinil Pro 400 White	Intervinil Pro 400 Pastel	Intervinil Pro 400 Tint (Mid)	Intervinil Pro 400 Deep	Intervinil Pro 400 Accent							
Stage 1. Product	A1-A3	1.02E-01	5.75E-02	5.69E-02	5.64E-02	5.59E-02						
Stage 2. Desing & Construction	A4	2.41E-02	2.41E-02	2.41E-02	2.41E-02	2.41E-02						
Stage 3. Use & Maintenance	A5 - B7	1.92E+00	1.09E+00	1.08E+00	1.07E+00	1.06E+00						
Stage 4. End-of-life	C1 - C4	5.75E-02	5.69E-02	5.69E-02	5.69E-02	5.69E-02						
Total	Life Cycle	2.11E+00	1.23E+00	1.22E+00	1.21E+00	1.20E+00						

Global W	Global Warming Potential (kg CO2 eq) - TRACI 2.1 IPCC 2007												
Market Life	Intervinil Pro 400 White	Intervinil Pro 400 Pastel	Intervinil Pro 400 Tint (Mid)	Intervinil Pro 400 Deep	Intervinil Pro 400 Accent								
Stage 1. Product	A1-A3	1.02E-01	5.75E-02	5.69E-02	5.64E-02	5.59E-02							
Stage 2. Desing & Construction	A4	2.41E-02	2.41E-02	2.41E-02	2.41E-02	2.41E-02							
Stage 3. Use & Maintenance	A5 - B7	1.12E+00	6.32E-01	6.26E-01	6.20E-01	6.20E-01							
Stage 4. End-of-life	C1 - C4	3.41E-02	3.41E-02	3.41E-02	3.41E-02	3.41E-02							
Total	Life Cycle	1.28E+00	7.48E-01	7.41E-01	7.35E-01	7.34E-01							

Global Warming Pot	ential - Tota	ıl (kg CO2 eq) (adapted) - I		liogenic Carl	oon - EN 158	04 +A2	Global Warming Potentia	l - Tota
Design life		Intervinil Pro 400 White	Intervinil Pro 400 Pastel	Intervinil Pro 400 Tint (Mid)	Intervinil Pro 400 Deep	Intervinil Pro 400 Accent	Market Life	
Stage 1. Product	A1-A3	1.05E-01	5.79E-02	5.74E-02	5.69E-02	5.64E-02	Stage 1. Product	
Stage 2. Desing & Construction	A4	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	Stage 2. Desing & Construction	
Stage 3. Use & Maintenance	A5 - B7	1.97E+00	1.10E+00	1.09E+00	1.08E+00	1.07E+00	Stage 3. Use & Maintenance	
Stage 4. End-of-life	C1 - C4	6.06E-02	5.99E-02	5.99E-02	5.99E-02	5.99E-02	Stage 4. End-of-life	
Total	Life Cycle	2.16E+00	1.24E+00	1.23E+00	1.22E+00	1.21E+00	Total	L
Global Warming Po	tential - Bio	genic (kg CO:	2 eq) - EN 15	804 +A2 (ada	apted) - IPC0	2021	Global Warming Po	tentia
Design life		Intervinil Pro 400 White	Intervinil Pro 400 Pastel	Intervinil Pro 400 Tint (Mid)	Intervinil Pro 400 Deep	Intervinil Pro 400 Accent	Market Life	
Stage 1. Product	A1-A3	3.80E-09	4.39E-09	4.33E-09	4.28E-09	4.22E-09	Stage 1. Product	
Stage 2. Desing & Construction	A4	3.74E-10	3.74E-10	3.74E-10	3.74E-10	3.74E-10	Stage 2. Desing & Construction	
Stage 3. Use & Maintenance	A5 - B7	7.18E-08	8.33E-08	8.23E-08	8.12E-08	8.03E-08	Stage 3. Use & Maintenance	
Stage 4. End-of-life	C1 - C4	1.51E-10	1.52E-10	1.52E-10	1.52E-10	1.52E-10	Stage 4. End-of-life	
Total	Life Cycle	7.61E-08	8.82E-08	8.71E-08	8.60E-08	8.50E-08	Total	L
	Ozone De	epletion Pote	ential (kg CF	C 11 eq)				Oz
Design life		Intervinil Pro 400 White	Intervinil Pro 400 Pastel	Intervinil Pro 400 Tint (Mid)	Intervinil Pro 400 Deep	Intervinil Pro 400 Accent	Market Life	
Stage 1. Product	A1-A3	3.80E-09	4.39E-09	4.33E-09	4.28E-09	4.22E-09	Stage 1. Product	
Stage 2. Desing & Construction	A4	3.74E-10	3.74E-10	3.74E-10	3.74E-10	3.74E-10	Stage 2. Desing & Construction	
Stage 3. Use & Maintenance	A5 - B7	7.18E-08	8.33E-08	8.23E-08	8.12E-08	8.03E-08	Stage 3. Use & Maintenance	

1.51E-10 1.52E-10 1.52E-10 1.52E-10 1.52E-10

7.61E-08 8.82E-08 8.71E-08 8.60E-08 8.50E-08

Maintenance
Stage 4. End-of-life

Total

C1 - C4

Life

Cycle

Global Warming Potential - Total (kg CO2 eq) Including Biogenic Carbon - EN 15804 +A2 (adapted) - IPCC 2021											
Market Life		Intervinil Pro 400 White	Intervinil Pro 400 Pastel	Intervinil Pro 400 Tint (Mid)	Intervinil Pro 400 Deep	Intervinil Pro 400 Accent					
Stage 1. Product	A1-A3	1.05E-01	5.79E-02	5.74E-02	5.69E-02	5.64E-02					
Stage 2. Desing & Construction	A4	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02					
Stage 3. Use & Maintenance	A5 - B7	1.15E+00	6.37E-01	6.31E-01	6.26E-01	6.26E-01					
Stage 4. End-of-life	C1 - C4	3.59E-02	3.59E-02	3.59E-02	3.59E-02	3.59E-02					
Total	Life Cycle	1.32E+00	7.55E-01	7.49E-01	7.43E-01	7.42E-01					
Global Warming Potential - Biogenic (kg CO2 eq) - EN 15804 +A2 (adapted) - IPCC 2021											
Market Life	Intervinil Pro 400 White	Intervinil Pro 400 Pastel	Intervinil Pro 400 Tint (Mid)	Intervinil Pro 400 Deep	Intervinil Pro 400 Accent						
Stage 1. Product	A1-A3	3.80E-09	4.39E-09	4.33E-09	4.28E-09	4.22E-09					
Stage 2. Desing & Construction	A4	3.74E-10	3.74E-10	3.74E-10	3.74E-10	3.74E-10					
Stage 3. Use & Maintenance	A5 - B7	4.17E-08	4.82E-08	4.76E-08	4.70E-08	4.70E-08					
Stage 4. End-of-life	C1 - C4	9.10E-11	9.10E-11	9.10E-11	9.10E-11	9.10E-11					
Total	Life Cycle	4.60E-08	5.31E-08	5.24E-08	5.18E-08	5.17E-08					
	Ozone Depleti	on Potential	(kg CFC 11	eq)							
Market Life		Intervinil Pro 400 White	Intervinil Pro 400 Pastel	Intervinil Pro 400 Tint (Mid)	Intervinil Pro 400 Deep	Intervinil Pro 400 Accent					
Stage 1. Product	A1-A3	3.80E-09	4.39E-09	4.33E-09	4.28E-09	4.22E-09					
Stage 2. Desing & Construction	A4	3.74E-10	3.74E-10	3.74E-10	3.74E-10	3.74E-10					
Stage 3. Use & Maintenance	A5 - B7	4.17E-08	4.82E-08	4.76E-08	4.70E-08	4.70E-08					
Stage 4. End-of-life	C1 - C4	9.10E-11	9.10E-11	9.10E-11	9.10E-11	9.10E-11					
Total	Life Cycle	4.60E-08	5.31E-08	5.24E-08	5.18E-08	5.17E-08					

	Acidit	fication Pote	ntial (kg SO:	2 eq)				Acidificati	on Potential	(kg SO2 eq)			
Design life		Intervinil Pro 400 White	Intervinil Pro 400 Pastel	Intervinil Pro 400 Tint (Mid)	Intervinil Pro 400 Deep	Intervinil Pro 400 Accent	Market Life		Intervinil Pro 400 White	Intervinil Pro 400 Pastel	Intervinil Pro 400 Tint (Mid)	Intervinil Pro 400 Deep	Intervinil Pro 400 Accent
Stage 1. Product	A1-A3	7.54E-04	2.17E-04	2.15E-04	2.13E-04	2.10E-04	Stage 1. Product	A1-A3	7.54E-04	2.17E-04	2.15E-04	2.13E-04	2.10E-04
Stage 2. Desing & Construction	A4	8.07E-05	8.07E-05	8.07E-05	8.07E-05	8.07E-05	Stage 2. Desing & Construction	A4	8.07E-05	8.07E-05	8.07E-05	8.07E-05	8.07E-05
Stage 3. Use & Maintenance	A5 - B7	1.42E-02	4.12E-03	4.08E-03	4.04E-03	4.00E-03	Stage 3. Use & Maintenance	A5 - B7	8.30E-03	2.39E-03	2.36E-03	2.34E-03	2.34E-03
Stage 4. End-of-life	C1 - C4	5.72E-05	5.89E-05	5.89E-05	5.89E-05	5.89E-05	Stage 4. End-of-life	C1 - C4	3.53E-05	3.53E-05	3.53E-05	3.53E-05	3.53E-05
Total	Life Cycle	1.51E-02	4.48E-03	4.43E-03	4.39E-03	4.35E-03	Total	Life Cycle	9.17E-03	2.72E-03	2.69E-03	2.67E-03	2.66E-03
Eutrophication Potential (kg N eq)								Eutrophic	ation Potent	ial (kg N eq)			
Design life		Intervinil Pro 400 White	Intervinil Pro 400 Pastel	Intervinil Pro 400 Tint (Mid)	Intervinil Pro 400 Deep	Intervinil Pro 400 Accent	Market Life		Intervinil Pro 400 White	Intervinil Pro 400 Pastel	Intervinil Pro 400 Tint (Mid)	Intervinil Pro 400 Deep	Intervinil Pro 400 Accent
Stage 1. Product	A1-A3	8.17E-05	4.90E-05	4.83E-05	4.77E-05	4.71E-05	Stage 1. Product	A1-A3	8.17E-05	4.90E-05	4.83E-05	4.77E-05	4.71E-05
Stage 2. Desing & Construction	A4	5.39E-06	5.39E-06	5.39E-06	5.39E-06	5.39E-06	Stage 2. Desing & Construction	A4	5.39E-06	5.39E-06	5.39E-06	5.39E-06	5.39E-06
Stage 3. Use & Maintenance	A5 - B7	1.54E-03	9.31E-04	9.18E-04	9.06E-04	8.94E-04	Stage 3. Use & Maintenance	A5 - B7	8.99E-04	5.39E-04	5.32E-04	5.24E-04	5.24E-04
Stage 4. End-of-life	C1 - C4	1.34E-05	1.33E-05	1.33E-05	1.33E-05	1.33E-05	Stage 4. End-of-life	C1 - C4	7.98E-06	7.98E-06	7.98E-06	7.98E-06	7.98E-06
Total	Life Cycle	1.65E-03	9.99E-04	9.85E-04	9.72E-04	9.60E-04	Total	Life Cycle	9.94E-04	6.01E-04	5.93E-04	5.86E-04	5.85E-04
Potentia	l for creating	g photochem	nical oxidan	ts (smog) (kg	(O3 eq)		Potential fo	or creating pho	tochemical	oxidants (sn	nog) (kg O3 e	eq)	
Design life		Intervinil Pro 400 White	Intervinil Pro 400 Pastel	Intervinil Pro 400 Tint (Mid)	Intervinil Pro 400 Deep	Intervinil Pro 400 Accent	Market Life		Intervinil Pro 400 White	Intervinil Pro 400 Pastel	Intervinil Pro 400 Tint (Mid)	Intervinil Pro 400 Deep	Intervinil Pro 400 Accent
Stage 1. Product	A1-A3	5.96E-03	2.95E-03	2.92E-03	2.89E-03	2.86E-03	Stage 1. Product	A1-A3	5.96E-03	2.95E-03	2.92E-03	2.89E-03	2.86E-03
Stage 2. Desing & Construction	A4	2.28E-03	2.28E-03	2.28E-03	2.28E-03	2.28E-03	Stage 2. Desing & Construction	A4	2.28E-03	2.28E-03	2.28E-03	2.28E-03	2.28E-03
Stage 3. Use & Maintenance	A5 - B7	1.10E-01	5.61E-02	5.55E-02	5.49E-02	5.44E-02	Stage 3. Use & Maintenance	A5 - B7	6.55E-02	3.25E-02	3.22E-02	3.18E-02	3.18E-02
Stage 4. End-of-life	C1 - C4	1.70E-03	1.76E-03	1.76E-03	1.76E-03	1.76E-03	Stage 4. End-of-life	C1 - C4	1.05E-03	1.05E-03	1.05E-03	1.05E-03	1.05E-03
Total	Life Cycle	1.20E-01	6.31E-02	6.25E-02	6.19E-02	6.13E-02	Total	Life Cycle	7.48E-02	3.88E-02	3.84E-02	3.80E-02	3.80E-02

Intervinil Pro 200

Global Warming Potential (k	g CO2 eq) - TRACI 2.1 IPC	C 2007	Globa
Design life		Intervinil Pro 200 White	
Stage 1. Product	A1-A3	8.50E-02	Stage 1. Product
Stage 2. Desing & Construction	A4	2.44E-02	Stage 2. Desing & Cons
Stage 3. Use & Maintenance	A5 - B7	1.62E+00	Stage 3. Use & Mainten
Stage 4. End-of-life	C1 - C4	6.08E-02	Stage 4. End-of-life
Total	Life Cycle	1.79E+00	Total
Global Warming Potential - Total (kg CO2 eq) Inc	cluding Biogenic Carbon C 2021	- EN 15804 +A2 (adapted) -	Global Warming Potentia
Design life		Intervinil Pro 200 White	
Stage 1. Product	A1-A3	8.49E-02	Stage 1. Product
Stage 2. Desing & Construction	A4	2.44E-02	Stage 2. Desing & Cons
Stage 3. Use & Maintenance	A5 - B7	1.61E+00	Stage 3. Use & Mainten
Stage 4. End-of-life	C1 - C4	6.04E-02	Stage 4. End-of-life
Total	Life Cycle	1.78E+00	Total
Global Warming Potential - Biogenic (kg C	CO2 eq) - EN 15804 +A2 (a	dapted) - IPCC 2021	Global Warming Po
Design life		Intervinil Pro 200 White	
Stage 1. Product	A1-A3	1.54E-09	Stage 1. Product
Stage 2. Desing & Construction	A4	3.74E-10	Stage 2. Desing & Cons
Stage 3. Use & Maintenance	A5 - B7	2.92E-08	Stage 3. Use & Mainten
Stage 4. End-of-life	C1 - C4	1.48E-10	Stage 4. End-of-life
Total	Life Cycle	3.12E-08	Total
Ozone Depletion Po	otential (kg CFC 11 eq)		
Design life		Intervinil Pro 200 White	
Stage 1. Product	A1-A3	1.54E-09	Stage 1. Product
Stage 2. Desing & Construction	A4	3.74E-10	Stage 2. Desing & Cons
Stage 3. Use & Maintenance	A5 - B7	2.92E-08	Stage 3. Use & Mainten
Stage 4. End-of-life	C1 - C4	1.48E-10	Stage 4. End-of-life

Global Warming Potential (k	g CO2 eq) - TRACI 2.1 IPC	C 2007								
Market Life		Intervinil Pro 200 White								
Stage 1. Product	A1-A3	8.50E-02								
Stage 2. Desing & Construction	A4	2.44E-02								
Stage 3. Use & Maintenance	A5 - B7	9.35E-01								
Stage 4. End-of-life	C1 - C4	3.65E-02								
Total	Life Cycle	1.08E+00								
Global Warming Potential - Total (kg CO2 eq) Including Biogenic Carbon - EN 15804 +A2 (adapted) - IPCC 2021										
Market Life	Intervinil Pro 200 White									
Stage 1. Product	A1-A3	8.49E-02								
Stage 2. Desing & Construction	A4	2.44E-02								
Stage 3. Use & Maintenance	A5 - B7	9.33E-01								
Stage 4. End-of-life	C1 - C4	3.62E-02								
Total	Life Cycle	1.08E+00								
Global Warming Potential - Biogenic (kg C	O2 eq) - EN 15804 +A2 (a	dapted) - IPCC 2021								
Market Life		Intervinil Pro 200 White								
Market Life Stage 1. Product	A1-A3	Intervinil Pro 200								
	A1-A3 A4	Intervinil Pro 200 White								
Stage 1. Product		Intervinil Pro 200 White 1.54E-09								
Stage 1. Product Stage 2. Desing & Construction	A4	Intervinil Pro 200 White 1.54E-09 3.74E-10								
Stage 1. Product Stage 2. Desing & Construction Stage 3. Use & Maintenance	A4 A5 - B7	Intervinil Pro 200 White 1.54E-09 3.74E-10 1.69E-08								
Stage 1. Product Stage 2. Desing & Construction Stage 3. Use & Maintenance Stage 4. End-of-life Total	A4 A5 - B7 C1 - C4	Intervinil Pro 200 White 1.54E-09 3.74E-10 1.69E-08 8.87E-11								
Stage 1. Product Stage 2. Desing & Construction Stage 3. Use & Maintenance Stage 4. End-of-life Total	A4 A5 - B7 C1 - C4 Life Cycle	Intervinil Pro 200 White 1.54E-09 3.74E-10 1.69E-08 8.87E-11								
Stage 1. Product Stage 2. Desing & Construction Stage 3. Use & Maintenance Stage 4. End-of-life Total Ozone Depletion Po	A4 A5 - B7 C1 - C4 Life Cycle	Intervinil Pro 200 White 1.54E-09 3.74E-10 1.69E-08 8.87E-11 1.89E-08								
Stage 1. Product Stage 2. Desing & Construction Stage 3. Use & Maintenance Stage 4. End-of-life Total Ozone Depletion Po	A4 A5 - B7 C1 - C4 Life Cycle otential (kg CFC 11 eq)	Intervinil Pro 200 White 1.54E-09 3.74E-10 1.69E-08 8.87E-11 1.89E-08 Intervinil Pro 200 White								
Stage 1. Product Stage 2. Desing & Construction Stage 3. Use & Maintenance Stage 4. End-of-life Total Ozone Depletion Po	A4 A5 - B7 C1 - C4 Life Cycle stential (kg CFC 11 eq)	Intervinil Pro 200 White 1.54E-09 3.74E-10 1.69E-08 8.87E-11 1.89E-08 Intervinil Pro 200 White 1.54E-09								
Stage 1. Product Stage 2. Desing & Construction Stage 3. Use & Maintenance Stage 4. End-of-life Total Ozone Depletion Po Market Life Stage 1. Product Stage 2. Desing & Construction	A4 A5 - B7 C1 - C4 Life Cycle stential (kg CFC 11 eq) A1-A3 A4	Intervinil Pro 200 White 1.54E-09 3.74E-10 1.69E-08 8.87E-11 1.89E-08 Intervinil Pro 200 White 1.54E-09 3.74E-10								

Acidification Po	tential (kg SO2 eq)	
Design life		Intervinil Pro 200 White
Stage 1. Product	A1-A3	6.37E-04
Stage 2. Desing & Construction	A4	8.07E-05
Stage 3. Use & Maintenance	A5 - B7	1.21E-02
Stage 4. End-of-life	C1 - C4	5.66E-05
Total	Life Cycle	1.29E-02
Eutrophication	Potential (kg N eq)	
Design life	Intervinil Pro 200 White	
Stage 1. Product	A1-A3	8.12E-05
Stage 2. Desing & Construction	A4	5.39E-06
Stage 3. Use & Maintenance	A5 - B7	1.54E-03
Stage 4. End-of-life	C1 - C4	1.33E-05
Total	Life Cycle	1.64E-03
Potential for creating photoche	emical oxidants (smog) (k	(g O3 eq)
Design life		Intervinil Pro 200 White
Stage 1. Product	A1-A3	5.22E-03
Stage 2. Desing & Construction	A4	2.28E-03
Stage 3. Use & Maintenance	A5 - B7	9.92E-02
Stage 4. End-of-life	C1 - C4	1.68E-03
Total	Life Cycle	1.08E-01

Acidification	Potential (kg SO2 eq)	
Market Life		Intervinil Pro 200 White
Stage 1. Product	A1-A3	6.37E-04
Stage 2. Desing & Construction	A4	8.07E-05
Stage 3. Use & Maintenance	A5 - B7	7.01E-03
Stage 4. End-of-life	C1 - C4	3.40E-05
Total	Life Cycle	7.76E-03
Eutrophication	on Potential (kg N eq)	
Market Life	Intervinil Pro 200 White	
Stage 1. Product	A1-A3	8.12E-05
Stage 2. Desing & Construction	A4	5.39E-06
Stage 3. Use & Maintenance	A5 - B7	8.93E-04
Stage 4. End-of-life	C1 - C4	8.00E-06
Total	Life Cycle	9.88E-04
Potential for creating photo	chemical oxidants (smog) ((kg O3 eq)
Market Life		Intervinil Pro 200 White
Stage 1. Product	A1-A3	5.22E-03
Stage 2. Desing & Construction	A4	2.28E-03
Stage 3. Use & Maintenance	A5 - B7	5.75E-02
Stage 4. End-of-life	C1 - C4	1.01E-03
Total	Life Cycle	6.60E-02

Alta Asepsia

Globa	ıl Warming Po	otential (kg (CO2 eq) - TR	CI 2.1 IPCC	2007		Globa	al Warming Po	otential (kg C	CO2 eq) - TRA	CI 2.1 IPCC 2	2007	
Design life		Alta Asepsia White	Alta Asepsia Pastel	Alta Asepsia Tint (Mid)	Alta Asepsia Deep	Alta Asepsia Accent	Market Life		Alta Asepsia White	Alta Asepsia Pastel	Alta Asepsia Tint (Mid)	Alta Asepsia Deep	Alta Asepsia Accent
Stage 1. Product	A1-A3	6.79E-01	6.28E-01	6.01E-01	4.86E-01	4.18E-01	Stage 1. Product	A1-A3	6.79E-01	6.28E-01	6.01E-01	4.86E-01	4.18E-01
Stage 2. Desing & Construction	A4	5.11E-02	5.11E-02	5.11E-02	5.11E-02	5.11E-02	Stage 2. Desing & Construction	A4	5.11E-02	5.11E-02	5.11E-02	5.11E-02	5.11E-02
Stage 3. Use & Maintenance	A5 - B7	1.29E+01	1.19E+01	1.14E+01	9.24E+00	7.94E+00	Stage 3. Use & Maintenance	A5 - B7	7.47E+00	6.91E+00	6.61E+00	5.35E+00	4.60E+00
Stage 4. End-of-life	C1 - C4	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	Stage 4. End-of-life	C1 - C4	8.39E-02	8.39E-02	8.39E-02	8.39E-02	8.39E-02
Total	Life Cycle	1.38E+01	1.28E+01	1.22E+01	9.92E+00	8.55E+00	Total	Life Cycle	8.29E+00	7.67E+00	7.35E+00	5.97E+00	5.15E+00
Global Warming Potential - Total (kg CO2 eq) Including Biogenic Carbon - EN 15804 +A2 (adapted) - IPCC 2021						Global Warming Potentia	al - Total (kg C	CO2 eq) Inclu IPCC :		c Carbon - El	N 15804 +A2	(adapted) -	
Design life		Alta Asepsia White	Alta Asepsia Pastel	Alta Asepsia Tint (Mid)	Alta Asepsia Deep	Alta Asepsia Accent	Market Life		Alta Asepsia White	Alta Asepsia Pastel	Alta Asepsia Tint (Mid)	Alta Asepsia Deep	Alta Asepsia Accent
Stage 1. Product	A1-A3	6.82E-01	6.26E-01	6.00E-01	4.84E-01	4.15E-01	Stage 1. Product	A1-A3	6.82E-01	6.26E-01	6.00E-01	4.84E-01	4.15E-01
Stage 2. Desing & Construction	A4	5.10E-02	5.10E-02	5.10E-02	5.10E-02	5.10E-02	Stage 2. Desing & Construction	A4	5.10E-02	5.10E-02	5.10E-02	5.10E-02	5.10E-02
Stage 3. Use & Maintenance	A5 - B7	1.30E+01	1.19E+01	1.14E+01	9.20E+00	7.88E+00	Stage 3. Use & Maintenance	A5 - B7	7.50E+00	6.89E+00	6.60E+00	5.33E+00	4.56E+00
Stage 4. End-of-life	C1 - C4	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	Stage 4. End-of-life	C1 - C4	8.33E-02	8.33E-02	8.33E-02	8.33E-02	8.33E-02
Total	Life Cycle	1.38E+01	1.27E+01	1.22E+01	9.87E+00	8.48E+00	Total	Life Cycle	8.31E+00	7.65E+00	7.33E+00	5.94E+00	5.11E+00
Global Warming P	otential - Bio	genic (kg CO	2 eq) - EN 15	804 +A2 (ada _l	pted) - IPCC	2021	Global Warming P	otential - Bio	genic (kg CO	2 eq) - EN 158	304 +A2 (adap	oted) - IPCC	2021
Design life		Alta Asepsia White	Alta Asepsia Pastel	Alta Asepsia Tint (Mid)	Alta Asepsia Deep	Alta Asepsia Accent	Market Life		Alta Asepsia White	Alta Asepsia Pastel	Alta Asepsia Tint (Mid)	Alta Asepsia Deep	Alta Asepsia Accent
Stage 1. Product	A1-A3	4.42E-08	1.00E-06	1.24E-06	1.25E-06	1.25E-06	Stage 1. Product	A1-A3	4.42E-08	1.00E-06	1.24E-06	1.25E-06	1.25E-06
Stage 2. Desing & Construction	A4	7.82E-10	7.82E-10	7.82E-10	7.82E-10	7.82E-10	Stage 2. Desing & Construction	A4	7.82E-10	7.82E-10	7.82E-10	7.82E-10	7.82E-10
Stage 3. Use & Maintenance	A5 - B7	8.40E-07	1.90E-05	2.36E-05	2.37E-05	2.37E-05	Stage 3. Use & Maintenance	A5 - B7	4.86E-07	1.10E-05	1.36E-05	1.37E-05	1.37E-05
Stage 4. End-of-life	C1 - C4	2.72E-10	2.72E-10	2.72E-10	2.72E-10	2.72E-10	Stage 4. End-of-life	C1 - C4	1.67E-10	1.67E-10	1.67E-10	1.67E-10	1.67E-10
Total	Life Cycle	8.85E-07	2.00E-05	2.48E-05	2.49E-05	2.49E-05	Total	Life Cycle	5.31E-07	1.20E-05	1.49E-05	1.50E-05	1.50E-05

	Ozone De	epletion Pote	ential (kg CF0	C 11 eq)				Ozone De	epletion Pote	ential (kg CFC	C 11 eq)		
Design life		Alta Asepsia White	Alta Asepsia Pastel	Alta Asepsia Tint (Mid)	Alta Asepsia Deep	Alta Asepsia Accent	Market Life		Alta Asepsia White	Alta Asepsia Pastel	Alta Asepsia Tint (Mid)	Alta Asepsia Deep	Alta Asepsia Accent
Stage 1. Product	A1-A3	4.42E-08	1.00E-06	1.24E-06	1.25E-06	1.25E-06	Stage 1. Product	A1-A3	4.42E-08	1.00E-06	1.24E-06	1.25E-06	1.25E-06
Stage 2. Desing & Construction	A4	7.82E-10	7.82E-10	7.82E-10	7.82E-10	7.82E-10	Stage 2. Desing & Construction	A4	7.82E-10	7.82E-10	7.82E-10	7.82E-10	7.82E-10
Stage 3. Use & Maintenance	A5 - B7	8.40E-07	1.90E-05	2.36E-05	2.37E-05	2.37E-05	Stage 3. Use & Maintenance	A5 - B7	4.86E-07	1.10E-05	1.36E-05	1.37E-05	1.37E-05
Stage 4. End-of-life	C1 - C4	2.72E-10	2.72E-10	2.72E-10	2.72E-10	2.72E-10	Stage 4. End-of-life	C1 - C4	1.67E-10	1.67E-10	1.67E-10	1.67E-10	1.67E-10
Total	Life Cycle	8.85E-07	2.00E-05	2.48E-05	2.49E-05	2.49E-05	Total	Life Cycle	5.31E-07	1.20E-05	1.49E-05	1.50E-05	1.50E-05
	Acidification Potential (kg SO2 eq)					Acidit	ication Pote	ntial (kg SO2	eq)				
Design life		Alta Asepsia White	Alta Asepsia Pastel	Alta Asepsia Tint (Mid)	Alta Asepsia Deep	Alta Asepsia Accent	Market Life		Alta Asepsia White	Alta Asepsia Pastel	Alta Asepsia Tint (Mid)	Alta Asepsia Deep	Alta Asepsia Accent
Stage 1. Product	A1-A3	5.22E-03	3.78E-03	3.55E-03	2.68E-03	2.28E-03	Stage 1. Product	A1-A3	5.22E-03	3.78E-03	3.55E-03	2.68E-03	2.28E-03
Stage 2. Desing & Construction	A4	1.69E-04	1.69E-04	1.69E-04	1.69E-04	1.69E-04	Stage 2. Desing & Construction	A4	1.69E-04	1.69E-04	1.69E-04	1.69E-04	1.69E-04
Stage 3. Use & Maintenance	A5 - B7	9.93E-02	7.18E-02	6.75E-02	5.10E-02	4.34E-02	Stage 3. Use & Maintenance	A5 - B7	5.75E-02	4.16E-02	3.91E-02	2.95E-02	2.51E-02
Stage 4. End-of-life	C1 - C4	9.53E-05	9.53E-05	9.53E-05	9.53E-05	9.53E-05	Stage 4. End-of-life	C1 - C4	5.79E-05	5.79E-05	5.79E-05	5.79E-05	5.79E-05
Total	Life Cycle	1.05E-01	7.59E-02	7.13E-02	5.40E-02	4.60E-02	Total	Life Cycle	6.29E-02	4.56E-02	4.28E-02	3.24E-02	2.76E-02
	Eutro	phication Po	otential (kg N	eq)			Eutrophication Potential (kg N eq)						
Design life		Alta Asepsia White	Alta Asepsia Pastel	Alta Asepsia Tint (Mid)	Alta Asepsia Deep	Alta Asepsia Accent	Market Life		Alta Asepsia White	Alta Asepsia Pastel	Alta Asepsia Tint (Mid)	Alta Asepsia Deep	Alta Asepsia Accent
Stage 1. Product	A1-A3	5.17E-04	4.28E-04	4.06E-04	3.15E-04	2.66E-04	Stage 1. Product	A1-A3	5.17E-04	4.28E-04	4.06E-04	3.15E-04	2.66E-04
Stage 2. Desing & Construction	A4	1.13E-05	1.13E-05	1.13E-05	1.13E-05	1.13E-05	Stage 2. Desing & Construction	A4	1.13E-05	1.13E-05	1.13E-05	1.13E-05	1.13E-05
Stage 3. Use & Maintenance	A5 - B7	9.82E-03	8.14E-03	7.72E-03	5.98E-03	5.05E-03	Stage 3. Use & Maintenance	A5 - B7	5.69E-03	4.71E-03	4.47E-03	3.46E-03	2.92E-03
Stage 4. End-of-life	C1 - C4	2.97E-05	2.97E-05	2.97E-05	2.97E-05	2.97E-05	Stage 4. End-of-life	C1 - C4	1.79E-05	1.79E-05	1.79E-05	1.79E-05	1.79E-05
Total	Life Cycle	1.04E-02	8.61E-03	8.17E-03	6.33E-03	5.36E-03	Total	Life Cycle	6.23E-03	5.17E-03	4.90E-03	3.81E-03	3.22E-03

Potential for creating photochemical oxidants (smog) (kg O3 eq)							
Design life		Alta Asepsia White	Alta Asepsia Pastel	Alta Asepsia Tint (Mid)	Alta Asepsia Deep	Alta Asepsia Accent	
Stage 1. Product	A1-A3	4.22E-02	3.65E-02	3.51E-02	2.71E-02	2.59E-02	
Stage 2. Desing & Construction	A4	4.77E-03	4.77E-03	4.77E-03	4.77E-03	4.77E-03	
Stage 3. Use & Maintenance	A5 - B7	8.02E-01	6.93E-01	6.66E-01	5.15E-01	4.92E-01	
Stage 4. End-of-life	C1 - C4	2.78E-03	2.78E-03	2.78E-03	2.78E-03	2.78E-03	
Total	Life Cycle	8.51E-01	7.37E-01	7.09E-01	5.50E-01	5.25E-01	

Potential for creating photochemical oxidants (smog) (kg O3 eq)						
Market Life		Alta Asepsia White	Alta Asepsia Pastel	Alta Asepsia Tint (Mid)	Alta Asepsia Deep	Alta Asepsia Accent
Stage 1. Product	A1-A3	4.22E-02	3.65E-02	3.51E-02	2.71E-02	2.59E-02
Stage 2. Desing & Construction	A4	4.77E-03	4.77E-03	4.77E-03	4.77E-03	4.77E-03
Stage 3. Use & Maintenance	A5 - B7	4.64E-01	4.01E-01	3.86E-01	2.98E-01	2.85E-01
Stage 4. End-of-life	C1 - C4	1.69E-03	1.69E-03	1.69E-03	1.69E-03	1.69E-03
Total	Life Cycle	5.13E-01	4.44E-01	4.27E-01	3.32E-01	3.17E-01

Environmental Results for Energy, Resources, and Waste — Maximum Impact vs. Average

Deplet	ion of Non-Rene	wable Energy Resources ((MJ)	Depletio	n of Non-Renewa	ble Energy Resources (MJ))
Design Life		Maximum Value	Average Value	Market Life	Market Life		Average Value
Stage 1. Product	A1-A3	1.12E+00	5.14E-01	Stage 1. Product	A1-A3	1.12E+00	5.14E-01
Stage 2. Desing & Construction	A4	9.63E-02	7.12E-02	Stage 2. Desing & Construction	A4	9.63E-02	7.12E-02
Stage 3. Use & Maintenance	A5 - B7	2.13E+01	9.76E+00	Stage 3. Use & Maintenance	A5 - B7	1.23E+01	5.67E+00
Stage 4. End-of-life	C1 - C4	4.11E-02	2.71E-02	Stage 4. End-of-life	C1 - C4	1.97E-02	1.56E-02
Total	Life Cycle	2.25E+01	1.04E+01	Total	Life Cycle	1.36E+01	6.27E+00
Deple	tion Non-Renew	able Material Resources (kg)	Depleti	on Non-Renewab	le Material Resources (kg)	
Design Life		Maximum Value	Average Value	Market Life		Maximum Value	Average Value
Stage 1. Product	A1-A3	7.03E-06	1.85E-06	Stage 1. Product	A1-A3	7.03E-06	1.85E-06
Stage 2. Desing & Construction	A4	3.01E-09	2.23E-09	Stage 2. Desing & Construction	A 4	3.01E-09	2.23E-09
Stage 3. Use & Maintenance	A5 - B7	1.34E-04	3.52E-05	Stage 3. Use & Maintenance	A5 - B7	7.74E-05	2.04E-05
Stage 4. End-of-life	C1 - C4	3.65E-09	2.69E-09	Stage 4. End-of-life	C1 - C4	2.20E-09	1.56E-09
Total	Life Cycle	1.41E-04	3.70E-05	Total	Life Cycle	8.44E-05	2.22E-05
Use of Renewable Material Resources (kg)		Use of Renewable Material Resources (kg)					
Design Life	Design Life		Average Value	Market Life	Market Life		Average Value
Stage 1. Product	A1-A3	3.62E-01	2.09E-01	Stage 1. Product	A1-A3	3.62E-01	2.09E-01
Stage 2. Desing & Construction	A4	7.25E-01	5.36E-01	Stage 2. Desing & Construction	A4	7.25E-01	5.36E-01
Stage 3. Use & Maintenance	A5 - B7	1.93E+02	8.76E+01	Stage 3. Use & Maintenance	A5 - B7	1.12E+02	5.08E+01
Stage 4. End-of-life	C1 - C4	3.17E-01	2.10E-01	Stage 4. End-of-life	C1 - C4	1.53E-01	1.21E-01
Total	Life Cycle	1.94E+02	8.85E+01	Total	Life Cycle	1.13E+02	5.17E+01
Use of Renewable Primary Energy (MJ)			Use of Renewable Primary Energy (MJ)				
Design Life		Maximum Value	Average Value	Market Life	Market Life		Average Value
Stage 1. Product	A1-A3	0.00E+00	0.00E+00	Stage 1. Product	A1-A3	0.00E+00	0.00E+00
Stage 2. Desing & Construction	A4	0.00E+00	0.00E+00	Stage 2. Desing & Construction	A4	0.00E+00	0.00E+00
Stage 3. Use & Maintenance	A5 - B7	0.00E+00	0.00E+00	Stage 3. Use & Maintenance	A5 - B7	0.00E+00	0.00E+00
Stage 4. End-of-life	C1 - C4	0.00E+00	0.00E+00	Stage 4. End-of-life	C1 - C4	0.00E+00	0.00E+00

Consumption of Freshwater (m3)						
Design Life		Maximum Value	Average Value			
Stage 1. Product	A1-A3	8.55E-03	3.22E-03			
Stage 2. Desing & Construction	A4	2.56E-05	1.89E-05			
Stage 3. Use & Maintenance	A5 - B7	1.62E-01	6.11E-02			
Stage 4. End-of-life	C1 - C4	-9.84E-04	-1.56E-03			
Total	Life Cycle	1.69E-01	6.28E-02			
	Hazardo	ous waste (kg)				
Design Life		Maximum Value	Average Value			
Stage 1. Product	A1-A3	5.55E-05	2.12E-05			
Stage 2. Desing & Construction	A4	4.69E-06	3.47E-06			
Stage 3. Use & Maintenance	A5 - B7	1.06E-03	4.03E-04			
Stage 4. End-of-life	C1 - C4	2.08E-06	1.38E-06			
Total	Life Cycle	1.12E-03	4.29E-04			
Hydro/wind power (MJ)						
Design Life		Maximum Value	Average Value			
Stage 1. Product	A1-A3	2.10E-01	1.25E-01			
Stage 2. Desing & Construction	A4	1.00E-03	7.41E-04			
Stage 3. Use & Maintenance	A5 - B7	4.00E+00	2.38E+00			
Stage 4. End-of-life	C1 - C4	1.61E-03	1.18E-03			
Total	Life Cycle	4.21E+00	2.50E+00			
	Fossil	l energy (MJ)				
Design Life		Maximum Value	Average Value			
Stage 1. Product	A1-A3	9.64E+00	4.40E+00			
Stage 2. Desing & Construction	A4	7.24E-01	5.35E-01			
Stage 3. Use & Maintenance	A5 - B7	1.83E+02	8.37E+01			
Stage 4. End-of-life	C1 - C4	3.15E-01	2.08E-01			
Total	Life Cycle	1.94E+02	8.88E+01			
	Bio-e	energy (MJ)				
Design Life		Maximum Value	Average Value			
Stage 1. Product	A1-A3	1.69E-01	8.54E-02			
Stage 2. Desing & Construction	A4	1.10E-04	8.11E-05			
Stage 3. Use & Maintenance	A5 - B7	3.21E+00	1.62E+00			
Stage 4. End-of-life	C1 - C4	5.93E-04	4.19E-04			
Otago 4. Ella ol alo						

Consumption of Freshwater (m3)					
Market Life		Maximum Value	Average Value		
Stage 1. Product	A1-A3	8.55E-03	3.22E-03		
Stage 2. Desing & Construction	A4	2.56E-05	1.89E-05		
Stage 3. Use & Maintenance	A5 - B7	9.40E-02	3.54E-02		
Stage 4. End-of-life	C1 - C4	-5.90E-04	-9.01E-04		
Total	Life Cycle	1.01E-01	3.77E-02		
	Hazardou	s waste (kg)			
Market Life		Maximum Value	Average Value		
Stage 1. Product	A1-A3	5.55E-05	2.12E-05		
Stage 2. Desing & Construction	A 4	4.69E-06	3.47E-06		
Stage 3. Use & Maintenance	A5 - B7	6.11E-04	2.34E-04		
Stage 4. End-of-life	C1 - C4	1.01E-06	7.94E-07		
Total	Life Cycle	6.72E-04	2.60E-04		
Hydro/wind power (MJ)					
Market Life		Maximum Value	Average Value		
Stage 1. Product	A1-A3	2.10E-01	1.25E-01		
Stage 2. Desing & Construction	A4	1.00E-03	7.41E-04		
Stage 3. Use & Maintenance	A5 - B7	2.31E+00	1.38E+00		
Stage 4. End-of-life	C1 - C4	9.43E-04	6.78E-04		
Total	Life Cycle	2.53E+00	1.50E+00		
	Fossil e	nergy (MJ)			
Market Life		Maximum Value	Average Value		
Stage 1. Product	A1-A3	9.64E+00	4.40E+00		
Stage 2. Desing & Construction	A4	7.24E-01	5.35E-01		
Stage 3. Use & Maintenance	A5 - B7	1.06E+02	4.86E+01		
Stage 4. End-of-life	C1 - C4	1.52E-01	1.20E-01		
Total	Life Cycle	1.17E+02	5.36E+01		
Bio-energy (MJ)					
Market Life		Maximum Value	Average Value		
Stage 1. Product	A1-A3	1.69E-01	8.54E-02		
Stage 2. Desing & Construction	A4	1.10E-04	8.11E-05		
Stage 3. Use & Maintenance	A5 - B7	1.86E+00	9.39E-01		
Stage 4. End-of-life	C1 - C4	3.25E-04	2.41E-04		
Total	Life Cycle	2.03E+00	1.02E+00		

Nuclear- energy (MJ)						
Design Life		Maximum Value	Average Value			
Stage 1. Product	A1-A3	5.09E-01	2.04E-01			
Stage 2. Desing &	A4	1.43E-03	1.06E-03			
Construction	^-	1.40L-00	1.00L-03			
Stage 3. Use &	A5 - B7	9.67E+00	3.88E+00			
Maintenance	04.04	0.005.00	4.545.00			
Stage 4. End-of-life	C1 - C4	2.06E-03 1.02E+01	1.51E-03 4.08E+00			
Total	Life Cycle	r-energy (MJ)	4.08E+00			
	Othe	i-energy (MJ)				
Design Life		Maximum Value	Average Value			
Stage 1. Product	A1-A3	0.00E+00	0.00E+00			
Stage 2. Desing &	A4	0.00E+00	0.00E+00			
Construction	A4	0.00E+00	0.00⊑∓00			
Stage 3. Use &	A5 - B7	0.00E+00	0.00E+00			
Maintenance						
Stage 4. End-of-life	C1 - C4	0.00E+00	0.00E+00			
Total	Life Cycle	0.00E+00	0.00E+00			
Secondary fuels (MJ)						
Design Life		Maximum Value	Average Value			
Stage 1. Product	A1-A3	0.00E+00	0.00E+00			
Stage 2. Desing &	A4	0.00E+00	0.00E+00			
Construction	A-4	0.001100	0.002.00			
Stage 3. Use &	A5 - B7	0.00E+00	0.00E+00			
Maintenance						
Stage 4. End-of-life	C1 - C4	0.00E+00	0.00E+00			
Total	Life Cycle	0.00E+00	0.00E+00			
	Recycle	d materials (kg)				
Design Life		Maximum Value	Average Value			
Stage 1. Product	A1-A3	1.19E-04	3.28E-05			
Stage 2. Desing &	A4	0.00E+00	0.00E+00			
Construction		0.002.00	0.002.00			
Stage 3. Use &	A5 - B7	0.00E+00	0.00E+00			
Maintenance						
Stage 4. End-of-life	C1 - C4	6.84E-02	4.51E-02			
Total	Life Cycle	6.85E-02	4.52E-02			
Water (m3)						
Design Life		Maximum Value	Average Value			
Stage 1. Product	A1-A3	8.55E-03	3.22E-03			
Stage 2. Desing &	A4	2.56E-05	1.89E-05			
Construction	A4	Z.30E-03	1.03E-03			
Stage 3. Use &	A5 - B7	1.62E-01	6.11E-02			
Maintenance						
Stage 4. End-of-life	C1 - C4	-9.84E-04	-1.56E-03			
Total	Life Cycle	1.69E-01	6.28E-02			

Market Life	Nuclear- energy (MJ)						
Stage 2. Desing & Construction	Market Life		Maximum Value	Average Value			
Construction		A1-A3	5.09E-01	2.04E-01			
Stage 3. Use & Maintenance		Δ4	1.43F-03	1.06F-03			
Stage 4. End-of-life	Construction	^	1.402 00	1.002 00			
Total	Stage 3. Use & Maintenance	A5 - B7	5.60E+00	2.24E+00			
Market Life	Stage 4. End-of-life	C1 - C4	1.24E-03	8.72E-04			
Market Life Maximum Value Average Value Stage 1. Product A1-A3 0.00E+00 0.00E+00 Stage 2. Desing & Construction A4 0.00E+00 0.00E+00 Stage 3. Use & Maintenance A5 - B7 0.00E+00 0.00E+00 Stage 4. End-of-life C1 - C4 0.00E+00 0.00E+00 Total Life Cycle 0.00E+00 0.00E+00 Secondary fuels (MJ) Maximum Value Average Value Stage 1. Product A1-A3 0.00E+00 0.00E+00 Stage 2. Desing & A4 0.00E+00 0.00E+00 Stage 3. Use & Maintenance A5 - B7 0.00E+00 0.00E+00 Stage 4. End-of-life C1 - C4 0.00E+00 0.00E+00 Total Life Cycle 0.00E+00 0.00E+00 Recycled materials (kg) Market Life Maximum Value Average Value Stage 1. Product A1-A3 1.19E-04 3.28E-05 Stage 2. Desing & Construction A4 0.00E+00 0.00E+00	Total			2.45E+00			
Stage 1. Product A1-A3 0.00E+00 0.00E+00 Stage 2. Desing & Construction A4 0.00E+00 0.00E+00 Stage 3. Use & Maintenance A5 - B7 0.00E+00 0.00E+00 Stage 4. End-of-life C1 - C4 0.00E+00 0.00E+00 Total Life Cycle 0.00E+00 0.00E+00 Secondary fuels (MJ) Market Life Maximum Value Average Value Stage 1. Product A1-A3 0.00E+00 0.00E+00 Stage 2. Desing & A4 0.00E+00 0.00E+00 Stage 3. Use & Maintenance A5 - B7 0.00E+00 0.00E+00 Stage 4. End-of-life C1 - C4 0.00E+00 0.00E+00 Total Life Cycle 0.00E+00 0.00E+00 Recycled materials (kg) Market Life Maximum Value Average Value Stage 1. Product A1-A3 1.19E-04 3.28E-05 Stage 2. Desing & A4 0.00E+00 0.00E+00		Other-e	nergy (MJ)				
Stage 2. Desing & A4 0.00E+00 0.00E+00	Market Life		Maximum Value	Average Value			
Stage 3. Use & Maintenance	Stage 1. Product	A1-A3	0.00E+00	0.00E+00			
Stage 4. End-of-life		A4	0.00E+00	0.00E+00			
Total	Stage 3. Use & Maintenance	A5 - B7	0.00E+00	0.00E+00			
Secondary fuels (MJ) Market Life	Stage 4. End-of-life	C1 - C4	0.00E+00	0.00E+00			
Market Life Maximum Value Average Value Stage 1. Product A1-A3 0.00E+00 0.00E+00 Stage 2. Desing & Construction A4 0.00E+00 0.00E+00 Stage 3. Use & Maintenance A5 - B7 0.00E+00 0.00E+00 Stage 4. End-of-life C1 - C4 0.00E+00 0.00E+00 Total Life Cycle 0.00E+00 0.00E+00 Recycled materials (kg) Market Life Maximum Value Average Value Stage 1. Product A1-A3 1.19E-04 3.28E-05 Stage 2. Desing & A4 0.00E+00 0.00E+00	Total	Life Cycle	0.00E+00	0.00E+00			
Stage 1. Product A1-A3 0.00E+00 0.00E+00 Stage 2. Desing & Construction A4 0.00E+00 0.00E+00 Stage 3. Use & Maintenance A5 - B7 0.00E+00 0.00E+00 Stage 4. End-of-life C1 - C4 0.00E+00 0.00E+00 Total Life Cycle 0.00E+00 0.00E+00 Recycled materials (kg) Market Life Maximum Value Average Value Stage 1. Product A1-A3 1.19E-04 3.28E-05 Stage 2. Desing & A4 0.00E+00 0.00E+00	Secondary fuels (MJ)						
Stage 2. Desing & Construction A4 0.00E+00 0.00E+00 Stage 3. Use & Maintenance A5 - B7 0.00E+00 0.00E+00 Stage 4. End-of-life C1 - C4 0.00E+00 0.00E+00 Total Life Cycle 0.00E+00 0.00E+00 Recycled materials (kg) Market Life Maximum Value Average Value Stage 1. Product A1-A3 1.19E-04 3.28E-05 Stage 2. Desing & Construction A4 0.00E+00 0.00E+00	Market Life		Maximum Value	Average Value			
Construction A4 0.00E+00 0.00E+00 Stage 3. Use & Maintenance A5 - B7 0.00E+00 0.00E+00 Stage 4. End-of-life C1 - C4 0.00E+00 0.00E+00 Total Life Cycle 0.00E+00 0.00E+00 Recycled materials (kg) Market Life Maximum Value Average Value Stage 1. Product A1-A3 1.19E-04 3.28E-05 Stage 2. Desing & A4 0.00E+00 0.00E+00	Stage 1. Product	A1-A3	0.00E+00	0.00E+00			
Construction Stage 3. Use & Maintenance A5 - B7 0.00E+00 0.00E+00 Stage 4. End-of-life C1 - C4 0.00E+00 0.00E+00 Total Life Cycle 0.00E+00 0.00E+00 Recycled materials (kg) Market Life Maximum Value Average Value Stage 1. Product A1-A3 1.19E-04 3.28E-05 Stage 2. Desing & Construction A4 0.00E+00 0.00E+00		A4	0.00E+00	0.00E+00			
Stage 4. End-of-life	Construction		0.002 00	0.002 00			
Total Life Cycle 0.00E+00 0.00E+00	Stage 3. Use & Maintenance	A5 - B7	0.00E+00	0.00E+00			
Recycled materials (kg) Market Life Maximum Value Average Value Stage 1. Product A1-A3 1.19E-04 3.28E-05 Stage 2. Desing & A4 0.00E+00 0.00E+00	Stage 4. End-of-life	C1 - C4	0.00E+00	0.00E+00			
Market Life Maximum Value Average Value Stage 1. Product A1-A3 1.19E-04 3.28E-05 Stage 2. Desing & Construction A4 0.00E+00 0.00E+00	Total	-		0.00E+00			
Stage 1. Product A1-A3 1.19E-04 3.28E-05 Stage 2. Desing & Construction A4 0.00E+00 0.00E+00		Recycled n	naterials (kg)				
Stage 2. Desing & A4 0.00E+00 0.00E+00 Construction	Market Life		Maximum Value	Average Value			
Construction A4 0.00E+00 0.00E+00		A1-A3	1.19E-04	3.28E-05			
0.000.00		A4	0.00E+00	0.00E+00			
Stage 3. Use & Maintenance A5 - B7 0.00E+00 0.00E+00	Stage 3. Use & Maintenance	A5 - B7	0.00E+00	0.00E+00			
Stage 4. End-of-life C1 - C4 6.84E-02 4.51E-02	Stage 4. End-of-life	C1 - C4	6.84E-02	4.51E-02			
Total Life Cycle 6.85E-02 4.52E-02	Total			4.52E-02			
Water (m3)		Wate	er (m3)				
Market Life Maximum Value Average Value	Market Life		Maximum Value	Average Value			
Stage 1. Product A1-A3 8.55E-03 3.22E-03		A1-A3	8.55E-03	3.22E-03			
Stage 2. Desing & A4 2.56E-05 1.89E-05 Construction A4 2.56E-05 1.89E-05		A4	2.56E-05	1.89E-05			
Stage 3. Use & Maintenance A5 - B7 9.40E-02 3.54E-02	Stage 3. Use & Maintenance	A5 - B7	9.40E-02	3.54E-02			
Stage 4. End-of-life C1 - C4 -5.90E-04 -9.01E-04	Stage 4. End-of-life		-5.90E-04	-9.01E-04			
Total Life Cycle 1.01E-01 3.77E-02	Total	Life Cycle	1.01E-01	3.77E-02			

Interpretation

As shown in the life cycle assessment results, the stage with the highest contribution is the use and maintenance phase (A5–B7), mainly driven by repainting and maintenance activities required throughout the building's service life. The product stage (A1–A3) ranks second, reflecting the impacts of raw material extraction, formulation, and manufacturing of the coating.

The stages with the lowest relative contribution are design and construction (A4), which accounts for transportation of the product from the plant to the application site, and the end-of-life stage (C1–C4), where impacts are limited to the treatment and disposal of the residual dry film.



Additional environmental information

Pintuco S.A.S. has consolidated a proactive environmental approach, consistent with global and national commitments on climate change. As part of this vision, the company is among the 100 organizations that are part of the **National Carbon Neutrality Program**, led by the Colombian Ministry of Environment and Sustainable Development. Through this membership, Pintuco contributes to the national goal of reducing greenhouse gas (GHG) emissions by 51% by 2030 and achieving **carbon neutrality by 2050**.

In alignment with the voluntary agreements signed with the environmental authority CORNARE, Pintuco S.A.S. monitors its CO₂eq emissions at the Rionegro plant using the MRV tool (Monitoring, Reporting, and Verification System for Climate Change Adaptation and Mitigation Actions). In addition, carbon offsetting actions are carried out, and measures are implemented

to help reduce the total tons of CO_2 eq emitted. For the comparative analysis, the year 2021 was selected as the baseline, in accordance with the criteria established by the ISO 14064-1 standard.

Beyond emissions quantification, Pintuco S.A.S. has implemented various actions to reduce CO_2 eq emissions, including: the use of renewable electricity in its facilities, installation of energy-efficient lighting, procurement of a state-of-the-art compressed air supply system, fleet renewal, automation of processes aimed at improving efficiency and reducing energy consumption, and the implementation of an integrated energy management system.

Among the actions taken by Pintuco to reduce its carbon footprint are the following:

- Installation of a **1,7 MWp interconnected photovoltaic system** at its plant in Rionegro, Antioquia, consisting of 5.614 solar panels and 22 inverters, which provide a significant portion of the electrical energy used in production.
- Replacement of lighting fixtures and devices with high-efficiency LED technology.
- Implementation of a **state-of-the-art compressed air system** with lower energy consumption.
- Replacement of traditional motors with high-efficiency electric motors.
- Renewal of the **vehicle fleet**, with criteria of efficiency and emission reduction.
- Industrial **automation processes** focused on optimizing energy consumption.
- Strengthening energy management through consumption monitoring and control.

These initiatives not only improve the organization's environmental performance, but also contribute to the energy transition and sustainable competitiveness of the paint and coatings sector in Colombia and Latin America.



Conversion factors

The following conversion factors allow you to translate environmental results expressed per square meter of product (m²) into units that are more representative for the end user, such as gallons or kilogram applied to your project.

These factors allow you to estimate the total environmental impact according to the amount actually used or purchased. To calculate it, simply multiply the environmental impact value per square meter (obtained from the results tables) by:

- The total amount of product purchased, and
- The corresponding conversion factor as applicable.

This will facilitate understanding of the results and their integration into decision-making processes or sustainability analyses for your project.

Product	Min. Yield (m²/gal) @2 coats	Consumption (kg/m²)	Average Density (kg/gal)
Viniltex pro 450	25.00	0.23	5.75
Viniltex pro 650	30.00	0.17	5.13
Alta Asepsia	20.00	0.23	4.60

Conversion Factor to Gal (m²/Gal)	Conversion Factor to kg (m²/kg)
25.00	4.35
30.00	5.88
20.00	4.35

Product	Min. Yield (m²/gal) @1 coat	Consumption (kg/m²)	Average Density (kg/gal)
Intervinil pro 400	50.00	0.11	5.65
Intervinil pro 200	55.00	0.11	5.80

Conversion Factor to Gal (m²/Gal)	Conversion Factor to kg (m²/kg)
50.00	9.09
55.00	9.09

Contact information

Program operator



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