ENVIRONMENTAL PRODUCT DECLARATION

In accordance with ISO 14025:2006, EN 15804:2012+A2:2019/AC:2021 and ISO 21930:2017 for:

Gyproc ProMix Finish

Version: 1
Date of publication: 2026/04/10
Validity: 5 years
Valid until: 2031/04/09

EPD
INTERNATIONAL EPD SYSTEM

Programme: The International EPD System
Programme operator: EPD International AB
Registration number: EPD-IES-0027441:001

EPD Type: Single Product
Scope: Cradle-to-grave and module D

An EPD may be updated or depublished if conditions change. To find the latest version of the EPD and to confirm its validity, see www.environdec.com

Saint-Gobain Gyproc Ireland, Unit 4, Kilcarbery Business Park, Dublin 22

General information

Programme information

Programme:	The International EPD System [1]
Adress:	EPD International AB, Box 210 60, SE-100 31 Stockholm, Sweden
Website:	www.environdec.com
E-mail:	support@environdec.com

PCR information

CEN standard EN 15804:2012+A2:2019/AC:2021 [2] and ISO standard ISO 21930:2017 [3] serve as the core Product Category Rules (PCR)

Product category rules (PCR): PCR 2019:14 Construction Products, version 2.0.1 [4]
Complementary PCR (c-PCR): c-PCR-017 c-PCR-017 Technical Chemical Products for Construction Sector (adopted from Part B for Technical – Chemical products for building and construction industry" (NPCR 009 version 3.0)) [5]

PCR review was conducted by: The Technical Committee of the International EPD System
See www.environdec.com for a list of members.
Chairs of the PCR review: Rob Rouwette (chair), Noa Meron (co-chair).

Verification

External and independent ('third-party') verification of the declaration and data, according to ISO 14025:2006, via EPD verification through:
☒ Individual EPD verification without a pre-verified LCA/EPD tool
☐ Individual EPD verification with a pre-verified LCA/EPD tool
☐ EPD process certification* without a pre-verified LCA/EPD tool
☐ EPD process certification* with a pre-verified LCA/EPD tool
☐ Fully pre-verified EPD tool

Independent third-party verification of the declaration and data, according to ISO 14025:2006:
☒ EPD verification by individual verifier
Third-party verifier: Stephen Forson, Viridis Pride
Approved by: The International EPD System

Procedure for follow-up of data during EPD validity involves third-party verifier: ☐ Yes ☒ No

Ownership and limitations on use of EPD

The EPD owner has the sole ownership, liability, and responsibility for the EPD.

EPDs within the same product category but published in different EPD programmes, may not be comparable. For two EPDs to be comparable, they shall be based on the same PCR (including the same first-digit version number) or be based on fully aligned PCRs or versions of PCRs; cover products with identical functions, technical performances and use (e.g. identical declared/functional units); have identical scope in terms of included life-cycle stages (unless the excluded life-cycle stage is demonstrated to be insignificant); apply identical impact assessment methods (including the same version of characterization factors); and be valid at the time of comparison. For further information about comparability, see EN 15804, ISO 14020 [6] and ISO 14025 [7].

Information about the EPD owner

Address and contact information of the EPD owner: Gyproc Ireland, Saint-Gobain Gyproc Ireland, Unit 4, Kilcarbery Business Park, Dublin 22
Description of the organization of the EPD owner: Manufacturing company of construction materials
Management system-related certifications: ISO 9001 [8], ISO 14001 [9], ISO 50001 [10]
LCA practitioner: Charnett Chau (charnett.chau@saint-gobain.com), Dave Dowdell (dave.dowdell@saint-gobain.com), Helena O'Connell (helena.oconnell@saint-gobain.com)
Communication: The intended use of this EPD is for B2B communication

Product information

Product name: Gyproc ProMix Finish [11]
Product identification information: 5200431905
UN CPC code: 37530 Articles of plaster or of composition based on plaster
Manufacturing site(s): Flitwick, Bedford, MK45 5BY, England

Product description

This Environmental Product Declaration (EPD) describes the environmental impacts of 1 kg of Gyproc ProMix Finish, as applied**.** Gyproc ProMix Finish is a ready mixed jointing material for filling and finishing plasterboard joints for use with Gyproc Paper Joint Tape. Available in 3L and 15L blue and white buckets.

It is intended to be applied as a thin top coat over previously filled and taped joints, helping to create a smooth, seamless surface that is ideal for painting or decorating. Its fine consistency and low shrinkage make it perfect for feathering edges and achieving a high-quality, professional finish on interior walls and ceilings.

Gyproc ProMix Finish is made up of different materials and these materials are mixed in a mixer at the manufacturing site. For more information about the manufacturing process, please see the A3: Manufacturing process section in this report.

For more information: https://www.gyproc.ie/

Technical data/physical characteristics

Parameter	Value/Description
Harmonised product standard and type	EN 13963: 2005 [12]
Reaction to fire	A2-s1, d0, as per EN 13501-1

Application	Value/Description
Intended use and key functionalities	Gyproc ProMix Finish can be used for all stages of hand or mechanical jointing of plasterboard.
Restrictions to a type of construction or building	Not suitable for use in untreated or external applications or areas subject to consistent levels of high humidity.
Expected influence on the operational aspects and impact of the building or other construction work	None. Would not typically require maintenance if maintained under suitable dry conditions of temperature and humidity.
Lifespan	60 years (see LCA information)

Content declaration

Quantities below are for 1 declared unit, 1 kg of Gyproc ProMix Finish, as applied.

Product components	Mass (kg)	Post-consumer recycled material[1], mass (% of product)	Biogenic material[2], mass (% of product)	Biogenic material[3] (kg C/declared unit)
Water	≤ 0.4	0	0	0
Calcium Carbonate	≤ 0.46	0	0	0
Other	≤ 0.14	0	0.25	0.00074
Sum	**1 kg (100%)**	**0%**	**0.25%**	**0.00074 kg C/DU**

Packaging materials	Mass (kg)	Mass versus the product (%)	Biogenic material[3] (kg C/declared unit)
Polypropylene pail and lid	0.030	3.0	0
Steel handle	0.0020	0.2	0
LDPE film	0.00013	0.013	0
HDPE sheet	0.0024	0.24	0
Card spacer	0.00042	0.042	0.00017
Pallet	0.013	1.3	0.0050
Sum	**0.048 kg**	**4.8%**	**0.0052 kg C/DU**

Hazardous substances

At the date of issue of this declaration, there is no “Substance of Very High Concern” (SVHC) in concentration above 0.1% by weight, either in the product or packaging, following the European REACH regulation (Registration, Evaluation, Authorization and Restriction of Chemicals).

[1] The worst-case of 0% post-consumer material is declared due to the amount of post-consumer content used by our suppliers being unknown. Within Sphera and ecoinvent datasets, recycled content was modelled.
[2] Biogenic carbon content in % is equivalent to mass of carbon per overall mass of material (i.e., kg C/kg).
[3] 1 kg of biogenic carbon in product/packaging is equivalent to the uptake of 44/12 kg CO_2.

LCA information

Type of EPD	Cradle-to-grave and module D
Declared unit	1 kg of Gyproc ProMix Finish, as applied
Conversion factor to mass	Density = 0.44 kg/m² Density = 1.27-1.28 kg/L
System boundaries	Cradle-to-grave and module D
Reference service life (RSL)	The reference service life (RSL) of the gypsum product is 60 years. This 60-year value is the amount of time that we recommend our products last without refurbishment and corresponds to standard building design life.
Cut-off rules	In the case that there is not enough information, the process energy and materials representing less than 1% of the whole energy and mass used can be excluded (if they do not cause significant impacts). The addition of all the inputs and outputs excluded cannot be bigger than 5% of the whole mass and energy used, as well as emissions to the environment, per module. For this study, all data were available; therefore, the cut-off rules were not applied. The construction of plants, production of machines and transportation systems, (i.e., any infrastructure) are excluded since the related flows are supposed to be negligible compared to the production of the product when compared to the system's lifetime level. However, we note that some generic datasets used in the LCA model may include capital goods and infrastructure within their system boundaries. Flows related to human activities such as employee transport are also excluded.
Allocations	Allocation has been avoided where possible, and where not possible, the allocation criteria are based on the mass flow of products and co-products (i.e., mass allocation between different product ranges produced at the manufacturing site). Where raw materials and energy usage cannot be directly attributed to individual products the total quantity used in the factory was divided by the total mass of products produced to achieve materials and energy per kilogram of product. The polluter pays and the modularity principles as well have been followed. The impact arising from the treatment of waste generated within the system boundaries is allocated to the product until waste reaches the end-of-waste state.
Data quality assessment	Data quality of primary and secondary data had been judged by its reliability, precision (measured, calculated, or estimated), completeness (e.g., unreported emissions), consistency (degree of uniformity of the methodology applied), and representativeness (geographical, technological, and temporal). To cover these requirements and to ensure reliable results, first-hand industry data crossed with LCA background datasets were used. The data were collected from internal records and reporting documents from Saint-Gobain Gyproc Ireland. Gyproc ProMix Finish has an average data quality score of 1.82, meaning the data is of good or very good quality.

Geographical coverage and time period	Scope: United Kingdom & Ireland Data is collected from 1 production site in Flitwick, located in the England and from storage locations across the UK and Ireland. Data collection periods: Electricity usage and site waste data (2022) Recipe, material supply, energy mix, distribution and other market demand data (2024)
Background data source	Sphera Managed LCA Content (MLC) v2024.1 [13] and ecoinvent v.3.10 (cut-off version) [14]
Software	Sphera LCA for Experts (GaBi) v10 [13]
LCA methodology	In addition to EN 15804:2019+A2 and PCR 2019:14 v2.0.1, the study was carried out in accordance with ISO 14040:2006 [15], ISO 14044:2006 [16], and GPI for the International EPD System v5.0. Note: EN 15804 reference package based on EF 3.1 has been used [17].

Data quality declaration

The period for which primary data for manufacturing was collected was the year 2022 for electricity usage and site waste data, and the year 2024 for recipe, material supply, energy mix, distribution and other market demand data.

The share of primary data is calculated based on GWP-GHG results. It is a simplified indicator for data quality that supports the use of more primary data, to increase the representativeness of and comparability between EPDs. Note that the indicator does not capture all relevant aspects of data quality and is not comparable across product categories.

Process	Source type	Source	Reference year	Data category
Manufacturing process				
Specific energy data	Collected data, databases	EPD owner, Sphera 2025.1	< 5 years old	Primary and secondary data
Transportation (only if specific data collected)				
Specific transport data for module A2	Collected data, databases	EPD owner, Sphera 2025.1	< 5 years old	Primary data
			Total share of primary data	4%

A1-A3 GWP-GHG [kg CO2 eq.]	4.24E-01

Description of system boundaries

System boundaries (X=included, ND=module not declared)

	Product stage			Construction stage		Use stage							End of life stage				Benefits and loads beyond the system boundary
	Raw material supply	Transport	Manufacturing	Transport	Construction-Installation process	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	De-construction demolition	Transport	Waste processing	Disposal	Reuse-recovery
Module	A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Modules declared	X	X	X	X	X	X	ND	ND	ND	ND	ND	ND	X	X	X	X	X
Geography	EU	EU	GB/IE	EU	EU	EU	-	-	-	-	-	-	EU	EU	EU	EU	EU

Life cycle stages

A1-A3. Product stage

Modules A1-A3 sit within the product stage of a building's life cycle, where raw and secondary materials are extracted and processed (A1) before being transported (A2) to manufacturing facilities for the fabrication of building products (A3). Here we detail A1-A3 for the product Gyproc ProMix Finish.

A1. Raw materials supply

This module includes the extraction and transformation of raw materials. Raw materials that are required to manufacture Gyproc ProMix Finish are procured from various countries around the world, predominantly in the UK. These raw materials can be categorised as “virgin” materials (e.g., calcium carbonate).

A2. Transport to the manufacturer

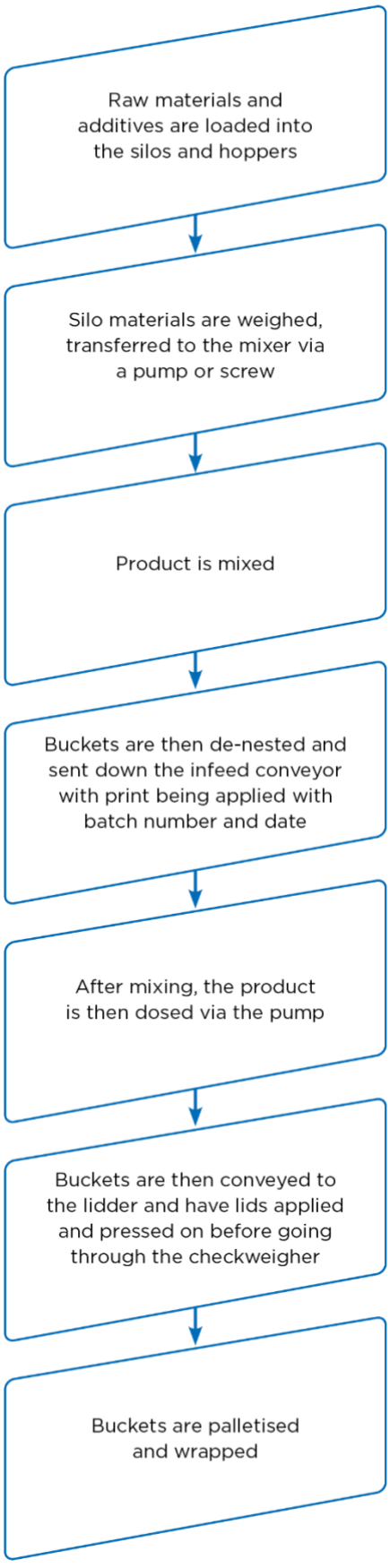
This module includes the transportation of raw materials and packaging to the manufacturing site. The modelling includes transport by road and by sea.

A3. Manufacturing

This module includes the manufacturing of products (energy consumption, water consumption, waste management, etc.). The manufacturing process is shown in the process flow diagram below. In A3, the processing of waste arising from the manufacturing process is also modelled.

Manufacturing process flow diagram

The manufacturing activities include grinding, drying, storing, mixing, packing and internal transportation. Packaging-related flows in the production process and all up-stream packaging are included in the manufacturing module, i.e., wooden pallets, pails, and LDPE film.



A4-A5. Construction process stage

The construction process is divided into two modules: A4, transport to the building site and A5, installation in the building.

A4. Transport to the building site

This module includes transport from the production gate to the building site. Transport is calculated based on a scenario with the parameters described in the following table.

Parameter	Value/Description
Fuel type and consumption of vehicle or vehicle type used for transport (e.g. long-distance truck, boat)	Average truck trailer, 27 t payload, diesel consumption 38 litres for 100 km
Distance	138 km
Capacity utilisation (including empty returns)	69% (30% empty returns)
Bulk density of transported products	1270 - 1280 kg/m^3
Volume capacity utilisation factor	0.61

A5. Installation in the building

This module includes: the installation of the product into the building, the surplus of raw materials and packaging (cradle-to-gate) to compensate for the loss of product during the installation and the transport and management of packaging and product waste.

The product is a paste and is ready-mixed, so it does not require any water or other ancillary materials. There is however water used to wash the tools.

Parameter	Value/Description
Ancillary materials for installation (specified by materials)	None
Water for washing of tools	0.286 litres/kg
Other resource use	None
Electricity for on-site mixing of jointing compound	None
Scrap rate at installation	None
Wastage of materials on the building site before waste processing, generated by the product's installation (specified by type)	5% losses during installation
Output materials (specified by type) as results of waste processing at the building site (e.g. of collection for recycling, for energy recovering, disposal (specified by route))	Polypropylene pail and lid: 0.031 kg to landfill Steel Handle: 0.0021 kg to landfill HDPE base sheet: 0.0021 kg to landfill LDPE film: 0.0001 kg to landfill Cardboard sheet: 0.001 kg to landfill Wooden pallet: 0.0124 kg to landfill
Direct emissions to ambient air, soil, and water	None

B1-B7. Use stage (excluding potential savings)

The use stage is divided into the following modules:

B1. Use
B2. Maintenance
B3. Repair
B4. Replacement
B5. Refurbishment
B6. Operational energy use
B7. Operational water use

The product has a reference service life of 60 years. This assumes that the product will last in situ with no requirements for maintenance, repair, replacement, or refurbishment throughout this period. Therefore, it has no impact at this stage. Note that the modules B2-B7 are omitted from this study, as according to c-PCR 017 Technical Chemical Products for Construction Sector, they are not relevant for this product.

C1-C4. End-of-life stage

This stage includes the next modules:

C1. Deconstruction, demolition
The deconstruction and/or dismantling of the product take part of the demolition of entire building. The energy considered for demolition is 1.1 kWh/tonne.

C2. Transport to waste processing
This module includes the transport to the recycling site or final disposal.

C3. Waste processing for reuse, recovery and/or recycling
This module includes the collection of waste fractions from the deconstruction and waste processing of material flows intended for reuse, energy recovery or recycling. It is assumed that there isn't any reuse, energy recovery or recycling at the products' end-of-life.

C4. Waste disposal
This module includes waste disposal, including physical pre-treatment and site management. 100% of the product is assumed to be landfilled.

Description of the scenarios and additional technical information for the end of life

Parameter	Value/Description
Collection process specified by type	1 kg of Gyproc ProMix Finish, as applied 1 kg landfill Other deconstruction waste, such as ancillaries used for installation, is 100% collected with mixed deconstruction and demolition waste for landfill
Recovery system specified by type	0% of Waste. There is no recovery, recycling or reuse of the product once it has reached end of life.
Disposal specified by type	100% to landfill
Assumptions for scenario development (e.g. transportation)	The waste will be transported by truck with 27 t payload, using diesel as a fuel Transport distance to landfill: 80 km

D. Reuse/recovery/recycling potential

This module includes the loads and benefits resulting from reuse, energy recovery or recycling beyond the system boundary for both product and packaging.

Module D considers:
- Inputs of secondary materials: recycled raw materials for product and packaging (pre- and post-consumer)
- Outputs of secondary materials: product and/or packaging sent to recycling,
- Exported energy (electric or thermal): product and/or packaging sent to incineration with energy recovery.

Input materials for the manufacturing of Gyproc ProMix Finish include no secondary materials, hence, no secondary materials were assumed to arise from the processing waste of modules A4, A5, B and C. This is because all waste was assumed landfilled as a worst-case scenario.

All emissions regarding landfill are accounted for in Module C and no benefits can be shown in Module D.

Environmental performance

As specified in EN 15804:2012+A2:2019/AC:2021 and the Product Category Rules, the environmental impacts are declared and reported using the baseline characterization factors based on EF 3.1. Raw materials and energy consumption, as well as transport distances have been taken directly from the manufacturing plant and generic data has come mainly from Sphera and ecoinvent databases.

The estimated impact results are only relative statements which do not indicate the end points of the impact categories, exceeding threshold values, safety margins or risks.

The results of the end-of-life stage (modules C1-C4) should be considered when using the results of the product stage (modules A1-A3).

Disclaimer 1: The results of this environmental impact indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the following indicators:

- Resource use, mineral and metals [kg Sb eq.]
- Resource use, energy carriers [MJ]
- Water deprivation potential [m³ world equiv.]
- Land use [Pt]
- Human toxicity (cancer) [CTUh]
- Human toxicity (non-cancer) [CTUh]
- Ecotoxicity (freshwater) [CTUe]

Disclaimer 2: The assumptions for the modules are in accordance with the project report (LCA study).

The following non-mandatory additional environmental indicators are not declared:

- Ecotoxicity (freshwater) [CTUe]
- Particulate matter emissions [Disease incidence]
- Cancer human health effects [CTUh]
- Ionizing radiation - human health [kBq U235 eq.]
- Non-cancer human health effects [CTUh]
- Land use [Pt]

Results refer to a declared unit of 1 kg of installed Gyproc ProMix Finish, as applied with a density of 0.44 kg/m². The following results correspond to a single product manufactured in a single plant.

ND = Module not declared

Environmental impacts

DU: 1 kg Gyproc ProMix Finish, as applied	Product stage	Construction stage		Use stage							End of life stage				Benefits and loads beyond the system boundary
Environmental indicators	A1 / A2 / A3	A4 Transport	A5 Installation	B1 Use	B2 Maintenance	B3 Repair	B4 Replacement	B5 Refurbishment	B6 Operational energy use	B7 Operational water use	C1 Deconstruction / demolition	C2 Transport	C3 Waste processing	C4 Disposal	D Reuse, recovery, recycling
Climate Change (total) [kg CO2 eq.]	4.02E-01	1.30E-02	4.40E-02	0							4.00E-03	6.75E-03	0	2.24E-02	0
Climate Change (fossil) [kg CO2 eq.]	4.27E-01	1.30E-02	2.50E-02	0							4.00E-03	6.75E-03	0	1.50E-02	0
Climate Change (biogenic) [kg CO2 eq.]	-2.56E-02	2.75E-05	1.90E-02	0							3.56E-06	1.39E-05	0	7.37E-03	0
Climate Change (land use change) [kg CO2 eq.]	9.10E-04	1.36E-04	4.31E-05	0							1.55E-07	6.59E-05	0	6.27E-05	0
Ozone depletion [kg CFC-11 eq.]	1.05E-08	1.56E-15	5.43E-10	0							4.31E-16	1.06E-15	0	4.26E-14	0
Acidification terrestrial and freshwater [Mole of H+ eq.]	2.59E-03	1.76E-05	1.27E-04	0							9.36E-06	9.29E-06	0	1.08E-04	0
Eutrophication freshwater [kg P eq.]	1.21E-05	3.57E-08	6.48E-07	0			ND				7.43E-10	1.73E-08	0	2.27E-08	0
Eutrophication marine [kg N eq.]	4.14E-04	6.80E-06	2.44E-05	0							3.72E-06	3.71E-06	0	2.83E-05	0
Eutrophication terrestrial [Mole of N eq.]	4.33E-03	7.18E-05	2.36E-04	0							4.08E-05	3.93E-05	0	3.08E-04	0
Photochemical ozone formation - human health [kg NMVOC eq.]	1.41E-03	1.47E-05	1.05E-04	0							1.11E-05	8.25E-06	0	8.46E-05	0
Resource use, mineral and metals [kg Sb eq.][4]	2.93E-06	8.78E-10	1.48E-07	0							1.13E-10	4.26E-10	0	9.46E-10	0
Resource use, energy carriers [MJ][4]	9.55E+00	1.69E-01	4.89E-01	0							5.30E-02	8.20E-02	0	2.01E-01	0
Water deprivation potential [m³ world equiv.][4]	1.73E-01	5.30E-05	2.40E-02	0							1.14E-05	2.93E-05	0	2.00E-03	0

[4] The results of this environmental impact indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator.

Resource use

DU: 1 kg Gyproc ProMix Finish, as applied	Product stage	Construction stage		Use stage						End of life stage				Benefits and loads beyond the system boundary
Resources use indicators	A1 / A2 / A3	A4 Transport	A5 Installation	B1 Use	B2 Maintenance	B3 Repair	B4 Replacement	B5 Refurbishment	B6 Operational energy use	B7 Operational water use	C1 Deconstruction / demolition	C2 Transport	C3 Waste processing	C4 Disposal	D Reuse, recovery, recycling
Use of renewable primary energy (PERE) [MJ][5]	2.73E+00	1.20E-02	1.38E-01	0	ND						2.64E-04	5.79E-03	0	3.90E-02	0
Primary energy resources used as raw materials (PERM) [MJ][6]	3.43E-01	0	-1.93E-01	0							0	0	0	-1.50E-01	0
Total use of renewable primary energy resources (PERT) [MJ]	3.07E+00	1.20E-02	-5.50E-02	0							2.64E-04	5.79E-03	0	-1.11E-01	0
Use of non-renewable primary energy (PENRE) [MJ][5]	9.55E+00	1.69E-01	4.89E-01	0							5.30E-02	8.20E-02	0	2.01E-01	0
Non-renewable primary energy resources used as raw materials (PENRM) [MJ][6]	2.50E+00	0	-1.56E+00	0							0	0	0	-9.37E-01	0
Total use of non-renewable primary energy resources (PENRT) [MJ]	1.20E+01	1.69E-01	-1.07E+00	0							5.30E-02	8.20E-02	0	-7.37E-01	0
Use of secondary material (SM) [kg]	7.00E-03	0	3.31E-04	0							0	0	0	0	0
Use of renewable secondary fuels (RSF) [MJ]	0	0	0	0							0	0	0	0	0
Use of non-renewable secondary fuels (NRSF) [MJ]	0	0	0	0							0	0	0	0	0
Use of net fresh water (FW) [m^3]	4.08E-03	5.98E-06	5.65E-04	0							3.95E-07	3.06E-06	0	4.84E-05	0

[5] From EPD International Construction Product PCR, v 2.0.1, option A was chosen to calculate the primary energy use indicators.

[6] Note that in some cases, results for primary energy indicators may appear not to balance, due to the formatting of the EPDs. Since the results are displayed to only three significant figures, smaller values are masked, giving the impression of an imbalance.

Waste category and output flows

DU: 1 kg Gyproc ProMix Finish, as applied	Product stage	Construction stage		Use stage							End of life stage				Benefits and loads beyond the system boundary
Waste category and output flows	A1 / A2 / A3	A4 Transport	A5 Installation	B1 Use	B2 Maintenance	B3 Repair	B4 Replacement	B5 Refurbishment	B6 Operational energy use	B7 Operational water use	C1 Deconstruction / demolition	C2 Transport	C3 Waste processing	C4 Disposal	D Reuse, recovery, recycling
Hazardous waste disposed (HWD) [kg]	9.00E-03	6.11E-12	4.85E-04	0	ND						1.84E-12	3.29E-12	0	4.39E-11	0
Non-hazardous waste disposed (NHWD) [kg]	1.65E-01	2.22E-05	1.19E-01	0							1.03E-05	1.15E-05	0	1.00E+00	0
Radioactive waste disposed (RWD) [kg]	5.90E-05	2.22E-07	3.08E-06	0							6.14E-08	1.54E-07	0	2.13E-06	0
Components for re-use (CRU) [kg]	0	0	0	0							0	0	0	0	0
Materials for Recycling (MFR) [kg]	1.51E-01	0	8.00E-03	0							0	0	0	0	0
Material for Energy Recovery (MER) [kg]	0	0	0	0							0	0	0	0	0
Exported electrical energy (EEE) [MJ]	2.00E-03	0	9.67E-05	0							0	0	0	0	0
Exported thermal energy (EET) [MJ]	4.00E-03	0	2.20E-04	0							0	0	0	0	0

Additional voluntary indicators from EN 15804

DU: 1 kg Gyproc ProMix Finish, as applied	Product stage	Construction stage		Use stage							End of life stage				Benefits and loads beyond the system boundary
Environmental indicators	A1 / A2 / A3	A4 Transport	A5 Installation	B1 Use	B2 Maintenance	B3 Repair	B4 Replacement	B5 Refurbishment	B6 Operational energy use	B7 Operational water use	C1 Deconstruction / demolition	C2 Transport	C3 Waste processing	C4 Disposal	D Reuse, recovery, recycling
GWP-GHG [kg CO2 eq.][7]	4.24E-01	1.30E-02	2.60E-02	0	ND						4.00E-03	6.75E-03	0	1.50E-02	0

Information on biogenic carbon content

	Product stage
Biogenic carbon content	**A1 / A2 / A3**
Biogenic carbon content in product [kg]	2.00E-03
Biogenic carbon content in packaging [kg]	5.00E-03

Note: 1 kg biogenic carbon is equivalent to 44/12 kg CO_2. The product contains biogenic carbon due to the additives used. Regarding packaging, biogenic carbon is quantified due to wooden pallets and cardboard production.

[7] The indicator includes all greenhouse gases included in GWP-total but excludes biogenic carbon dioxide uptake and emissions and biogenic carbon stored in the product. This indicator is thus almost equal to the GWP indicator originally defined in EN 15804:2012+A1:2013.

Declaration of variation

This EPD covers a single product manufactured at a single manufacturing site. Therefore, no calculations for variation between products or sites were completed.

Additional environmental information

Electricity information

The manufacturing site based in Flitwick and storage locations for the product use electricity with a Guarantee of Origin certificate (GO). Hence, the electricity mix considered for the manufacturing of the studied product is modelled according to the electricity mix described in the Guarantee of Origin certificate. The amount of electricity purchased with GOs covers 100% of the electricity consumption on the manufacturing site.

Type of information	Description
Location	Representative of the guarantee of origin purchased by Saint-Gobain
Share of electricity covered by Guarantee of Origin	100% of the energy consumption is covered by the GO
Dataset version	Sphera 2024.1
Type of dataset	Cradle to gate from Sphera and ecoinvent databases
Source of electricity mix	Guarantee of Origin certificate Smartest Energy Ltd
GHG-GWP CO_2 eq.	Certificate issue (UK, Ireland) = 0 kg CO_2 eq./kWh Modelled impact (UK) = 0.0235 kg CO_2 eq./kWh Modelled impact (Ireland) = 0.0280 kg CO_2 eq./kWh

An EPD is valid for 5 years. Therefore, the GO will be prolonged continuously to be valid for the whole validity of the EPD. If not prolonged, the EPD will be updated.

Other additional environmental information

No additional information displayed.

Abbreviations

AIB	Association of Issuing Bodies
B2B	Business-to-business
C	Carbon
CEN	European Committee for Standardization
DU	Declared Unit
EF	Environmental Footprint
EN	European Standard
EPD	Environmental Product Declaration
eq.	equivalents
DU	Declared Unit
g	gram
GHG	Greenhouse Gas
GJ	Giga Joules (as Net Calorific Value)
GO	Guarantee of Origin
GPI	General Programme Instructions
GWP	Global Warming Potential
HDPE	High Density Polyethylene
IOBC	Instantaneous Oxidation of Biogenic Carbon
ISO	International Organization for Standardization
kg	kilogram
kWh	kilowatt-hour
L	litre
LCA	Life Cycle Assessment
LCI	Life Cycle Inventory Analysis
LCIA	Life Cycle Impact Assessment
LDPE	Low Density Polyethylene
MJ	Mega Joules (as Net Calorific Value)
PCR	Product Category Rules
RM	Raw material
RSL	Reference Service Life (in years)
ton	metric ton

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Version history

2026/04/10: This is the original version of the EPD for this product.