

Environmental Product Declaration

 **EPD**
INTERNATIONAL EPD SYSTEM



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

Anodised Aluminium Profiles

from

Schlüter-Systems KG



Programme:	The International EPD System, www.environdec.com
Programme operator:	EPD International AB
Type of EPD:	EPD of multiple products based on a representative product
EPD registration number:	EPD-IES-0033556:001
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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

This EPD covers multiple products based on a representative product. The complete list of products is available in the product information section of this EPD.



GENERAL INFORMATION

Programme Information	
Programme:	The International EPD System
Address:	EPD International AB Box 210 60 SE-100 31 Stockholm Sweden
Website:	www.environdec.com
E-mail:	support@environdec.com

Product Category Rules (PCR)
CEN standard EN 15804 serves as the Core Product Category Rules (PCR)
Product Category Rules (PCR): PCR 2019:14 Construction products, version 2.0.1
PCR review was conducted by: The Technical Committee of the International EPD System. A full list of members is available on www.environdec.com . The review panel may be contacted via support@environdec.com . Rob Rouwette (chair), Noa Meron (co-chair)

Third-party Verification
Independent third-party verification of the declaration and data, according to ISO 14025:2006, via:
☒ Individual EPD verification without a pre-verified LCA/EPD tool Third-party verifier: Stephen Forson, ViridisPride Ltd. Approved by: International EPD System
Procedure for follow-up of data during EPD validity involves third party verifier:
☐ Yes ☒ No

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 characterisation factors); and be valid at the time of comparison. For further information about comparability, see EN 15804 and ISO 14025.

INFORMATION ABOUT EPD OWNER

Owner of the EPD: Schlüter-Systems

Address: Schlüter-Systems KG, Schmölestraße 7, D-58640 Iserlohn, Germany

Contact: Björn Spiegel, itn@schlueter.de

Address and contact information of the LCA practitioner commissioned by the EPD owner:

Gaëlle Guillaume and Srikrishna Sai Chitakana, WAP Sustainability

info@wapsustainability.com

Description of the organisation: Schlüter-Systems has its headquarters in Iserlohn, Germany. In Europe, there are also subsidiaries in France, Italy, Spain, Turkey, and England. Many other countries are served by sales representatives. In North America, Schlüter Systems has four locations: Plattsburgh, New York; Reno, Nevada; Dallas-Fort Worth, Texas; and Montréal, Québec. Schlüter-Systems KG is dedicated to creating innovative solutions for the tile industry, and working closely with its network of distributors, dealers, tile contractors, architects, specifiers and other members of the building and construction industry.

Location of production site: Iserlohn, Germany

PRODUCT INFORMATION

Product name: Anodised aluminium profiles

Product identification: CSI division 09 30 50, UN CPC 41532

Product description: Ceramic and stone tiles are ideal floor coverings due to their durability and aesthetic appeal. Schlüter®-Systems offers an extensive line of finishing and edge-protection profiles in a variety of shapes, colors, patterns, sizes, and materials, allowing for limitless design possibilities and practical alternatives to traditional trim.

Schlüter profiles serve multiple purposes: they protect tile edges from cracking and chipping, eliminate the need for caulking at transitions, and ensure clean, professional finishes between adjacent floor and wall coverings. Integrated into the tile assembly, they can also enhance visual appeal — adding bold accents or subtle detailing — while supporting the long-term durability of the installation. Schlüter profiles are available in a wide range of sizes to match common tile thicknesses, from 3/16" (4.5 mm) up to 1" (25 mm) or more, depending on the product line. This ensures a proper fit with virtually any tile type or application, whether it's a low-profile backsplash or a heavy-duty commercial floor. The profiles are constructed from anodized aluminium extrusion suited to both aesthetic and performance needs.

A reference product, Schlüter®-SCHIENE-AE, SCHIENE-AE, AE100, was chosen to represent the anodized aluminium profile portfolio for this EPD. For more information about this product, please visit the [product page](#) on Schlüter Systems's website.

Item	Schlüter®- SCHIENE-AE, SCHIENE-AE, AE100	Units
Colour/surface	Anodised aluminium	-
Length	2.5	m
Gross weight	0.237	kg

List of products covered by the EPD:

Schlüter®-Schiene	SCHIENE	AE20	Schlüter®-Schiene	SCHIENE-A	A100AK	Schlüter®-RENO	RENO-U	AEU100	Schlüter®-QUADEC	QUADEC-A	Q100AEX
Schlüter®-Schiene	SCHIENE	AE30	Schlüter®-Schiene	SCHIENE-A	A110AK	Schlüter®-RENO	RENO-U	AEU125	Schlüter®-QUADEC	QUADEC-A	Q110AEX
Schlüter®-Schiene	SCHIENE	AE45	Schlüter®-Schiene	SCHIENE-A	A125AK	Schlüter®-RENO	RENO-U	AEU150	Schlüter®-QUADEC	QUADEC-A	Q125AEX
Schlüter®-Schiene	SCHIENE	AE60	Schlüter®-Schiene	SCHIENE-A	A60AT	Schlüter®-RENO	RENO-U	AEU175	Schlüter®-QUADEC	QUADEC-A	Q45AMX
Schlüter®-Schiene	SCHIENE	AE60/300	Schlüter®-Schiene	SCHIENE-A	A80AT	Schlüter®-RENO	RENO-U	AEU80/100	Schlüter®-QUADEC	QUADEC-A	Q60AMX
Schlüter®-Schiene	SCHIENE	AE70	Schlüter®-Schiene	SCHIENE-A	A100AT	Schlüter®-RENO	RENO-U	AEU100/100	Schlüter®-QUADEC	QUADEC-A	Q80AMX
Schlüter®-Schiene	SCHIENE	AE80	Schlüter®-Schiene	SCHIENE-A	A110AT	Schlüter®-RENO	RENO-U	AEU125/100	Schlüter®-QUADEC	QUADEC-A	Q100AMX
Schlüter®-Schiene	SCHIENE	AE80/300	Schlüter®-Schiene	SCHIENE-A	A125AT	Schlüter®-RENO	RENO-RAMP	AERP60B50	Schlüter®-QUADEC	QUADEC-A	Q110AMX
Schlüter®-Schiene	SCHIENE	AE90	Schlüter®-Schiene	SCHIENE-BASIC	AEBS60	Schlüter®-RENO	RENO-RAMP	AERP100B65	Schlüter®-QUADEC	QUADEC-A	Q125AMX
Schlüter®-Schiene	SCHIENE	AE100	Schlüter®-Schiene	SCHIENE-BASIC	AEBS60/300	Schlüter®-RENO	RENO-RAMP	AERP125B65	Schlüter®-QUADEC	QUADEC-A	Q45ATX
Schlüter®-Schiene	SCHIENE	AE100/300	Schlüter®-Schiene	SCHIENE-BASIC	AEBS80	Schlüter®-RENO	RENO-RAMP	AERP125B90	Schlüter®-QUADEC	QUADEC-A	Q60ATX
Schlüter®-Schiene	SCHIENE	AE110	Schlüter®-Schiene	SCHIENE-BASIC	AEBS80/300	Schlüter®-RENO	RENO-RAMP	AERP150B90	Schlüter®-QUADEC	QUADEC-A	Q80ATX
Schlüter®-Schiene	SCHIENE	AE110/300	Schlüter®-Schiene	SCHIENE-BASIC	AEBS100	Schlüter®-RENO	RENO-RAMP	AERP200B90	Schlüter®-QUADEC	QUADEC-A	Q100ATX
Schlüter®-Schiene	SCHIENE	AE125	Schlüter®-Schiene	SCHIENE-BASIC	AEBS100/300	Schlüter®-RENO	RENO-RAMP-K	AERP125B65	Schlüter®-QUADEC	QUADEC-A	Q110ATX
Schlüter®-Schiene	SCHIENE	AE125/300	Schlüter®-Schiene	SCHIENE-BASIC	AEBS110	Schlüter®-RENO	RENO-T	T9/14AE	Schlüter®-QUADEC	QUADEC-A	Q125ATX
Schlüter®-Schiene	SCHIENE	AE140	Schlüter®-Schiene	SCHIENE-BASIC	AEBS110/300	Schlüter®-RENO	RENO-T	T9/25AE	Schlüter®-QUADEC	QUADEC-A	Q45AQGX
Schlüter®-Schiene	SCHIENE	AE150	Schlüter®-Schiene	SCHIENE-BASIC	AEBS125	Schlüter®-RENO	RENO-T	T9/14AE/100	Schlüter®-QUADEC	QUADEC-A	Q60AQGX
Schlüter®-Schiene	SCHIENE	AE160	Schlüter®-Schiene	SCHIENE-BASIC	AEBS125/300	Schlüter®-RENO	RENO-T	T9/25AE/100	Schlüter®-QUADEC	QUADEC-A	Q80AQGX
Schlüter®-Schiene	SCHIENE	AE175	Schlüter®-RENO	RENO-TK	AETK80	Schlüter®-QUADEC	QUADEC-A	Q45AE	Schlüter®-QUADEC	QUADEC-A	Q100AQGX
Schlüter®-Schiene	SCHIENE	AE200	Schlüter®-RENO	RENO-TK	AETK100	Schlüter®-QUADEC	QUADEC-A	Q60AE	Schlüter®-QUADEC	QUADEC-A	Q110AQGX
Schlüter®-Schiene	SCHIENE	AE210	Schlüter®-RENO	RENO-TK	AETK125	Schlüter®-QUADEC	QUADEC-A	Q60AE/300	Schlüter®-QUADEC	QUADEC-A	Q125AQGX
Schlüter®-Schiene	SCHIENE	AE225	Schlüter®-RENO	RENO-TK	AETK80/100	Schlüter®-QUADEC	QUADEC-A	Q80AE	Schlüter®-RONDEC	RONDEC-A	RO60AE
Schlüter®-Schiene	SCHIENE	AE250	Schlüter®-RENO	RENO-TK	AETK100/100	Schlüter®-QUADEC	QUADEC-A	Q80AE/300	Schlüter®-RONDEC	RONDEC-A	RO60AE/300
Schlüter®-Schiene	SCHIENE	AE275	Schlüter®-RENO	RENO-TK	AETK125/100	Schlüter®-QUADEC	QUADEC-A	Q100AE	Schlüter®-RONDEC	RONDEC-A	RO80AE
Schlüter®-Schiene	SCHIENE	AE300	Schlüter®-RENO	RENO-V	AEVT80B20	Schlüter®-QUADEC	QUADEC-A	Q100AE/300	Schlüter®-RONDEC	RONDEC-A	RO80AE/300
Schlüter®-Schiene	SCHIENE	AE45/100	Schlüter®-RENO	RENO-V	AEVT100B20	Schlüter®-QUADEC	QUADEC-A	Q110AE	Schlüter®-RONDEC	RONDEC-A	RO90AE
Schlüter®-Schiene	SCHIENE	AE60/100	Schlüter®-RENO	RENO-V	AEVT125B30	Schlüter®-QUADEC	QUADEC-A	Q110AE/300	Schlüter®-RONDEC	RONDEC-A	RO100AE
Schlüter®-Schiene	SCHIENE	AE80/100	Schlüter®-RENO	RENO-V	AEVT150B30	Schlüter®-QUADEC	QUADEC-A	Q125AE	Schlüter®-RONDEC	RONDEC-A	RO100AE/300
Schlüter®-Schiene	SCHIENE	AE100/100	Schlüter®-RENO	RENO-V	AEVT175B40	Schlüter®-QUADEC	QUADEC-A	Q125AE/300	Schlüter®-RONDEC	RONDEC-A	RO110AE
Schlüter®-Schiene	SCHIENE	AE125/100	Schlüter®-RENO	RENO-V	AEVT200B40	Schlüter®-QUADEC	QUADEC-A	Q45AT	Schlüter®-RONDEC	RONDEC-A	RO110AE/300
Schlüter®-Schiene	SCHIENE	AE150/100	Schlüter®-RENO	RENO-V	AEVT80B20/100	Schlüter®-QUADEC	QUADEC-A	Q60AT	Schlüter®-RONDEC	RONDEC-A	RO125AE
Schlüter®-Schiene	SCHIENE-A	A60AM	Schlüter®-RENO	RENO-V	AEVT100B20/100	Schlüter®-QUADEC	QUADEC-A	Q80AT	Schlüter®-RONDEC	RONDEC-A	RO125AE/300
Schlüter®-Schiene	SCHIENE-A	A80AM	Schlüter®-RENO	RENO-V	AEVT125B30/100	Schlüter®-QUADEC	QUADEC-A	Q100AT	Schlüter®-RONDEC	RONDEC-A	RO150AE
Schlüter®-Schiene	SCHIENE-A	A100AM	Schlüter®-RENO	RENO-V	AEVT150B30/100	Schlüter®-QUADEC	QUADEC-A	Q110AT	Schlüter®-RONDEC	RONDEC-A	RO60AM
Schlüter®-Schiene	SCHIENE-A	A110AM	Schlüter®-RENO	RENO-V	AEVT175B40/100	Schlüter®-QUADEC	QUADEC-A	Q125AT	Schlüter®-RONDEC	RONDEC-A	RO80AM
Schlüter®-Schiene	SCHIENE-A	A125AM	Schlüter®-RENO	RENO-V	AEVT200B40/100	Schlüter®-QUADEC	QUADEC-A	Q45AEX	Schlüter®-RONDEC	RONDEC-A	RO100AM
Schlüter®-Schiene	SCHIENE-A	A60AK	Schlüter®-RENO	RENO-U	AEU35	Schlüter®-QUADEC	QUADEC-A	Q60AEX	Schlüter®-RONDEC	RONDEC-A	RO125AM
Schlüter®-Schiene	SCHIENE-A	A80AK	Schlüter®-RENO	RENO-U	AEU80	Schlüter®-QUADEC	QUADEC-A	Q80AEX	Schlüter®-RONDEC	RONDEC-A	RO60AK

Schlüter®-RONDEC	RONDEC-A	RO80AK	Schlüter®-FINEC	FINEC-SQ	C/FSQ110A	Schlüter®-DESIGNBASE	DESIGNBASE-SL-A	DBSL60AEEB	Schlüter®-DILEX	DILEX-BT	AEBT100
Schlüter®-RONDEC	RONDEC-A	RO100AK	Schlüter®-FINEC	FINEC-SQ	C/FSQ125A	Schlüter®-DESIGNBASE	DESIGNBASE-SL-A	DBSL80AEEB	Schlüter®-DILEX	DILEX-BT	AEBT125
Schlüter®-RONDEC	RONDEC-A	RO125AK	Schlüter®-FINEC	FINEC-SQ	C/FSQ150A	Schlüter®-RONDEC	RONDEC-STEP	RS80AE39	Schlüter®-DILEX	DILEX-BT	AEBT150
Schlüter®-RONDEC	RONDEC-A	RO60AT	Schlüter®-FINEC	FINEC-SQ	FSQ125AE	Schlüter®-RONDEC	RONDEC-STEP	RS100AE39	Schlüter®-DILEX	DILEX-BT	AEBT175
Schlüter®-RONDEC	RONDEC-A	RO80AT	Schlüter®-FINEC	FINEC-SQ	FSQ150AE	Schlüter®-RONDEC	RONDEC-STEP	RS125AE39	Schlüter®-DILEX	DILEX-BT	AEBT200
Schlüter®-RONDEC	RONDEC-A	RO100AT	Schlüter®-FINEC	FINEC-A	F25AE	Schlüter®-RONDEC	RONDEC-STEP-CT	RC80AE39	Schlüter®-DILEX	DILEX-BTO	AEBT80/O125
Schlüter®-RONDEC	RONDEC-A	RO125AT	Schlüter®-FINEC	FINEC-A	F45AE	Schlüter®-RONDEC	RONDEC-STEP-CT	RC100AE39	Schlüter®-DILEX	DILEX-BTO	AEBT100/O125
Schlüter®-RONDEC	RONDEC-DB	DB14AE	Schlüter®-FINEC	FINEC-A	F70AE	Schlüter®-RONDEC	RONDEC-STEP-CT	RC125AE39	Schlüter®-DILEX	DILEX-BTO	AEBT125/O125
Schlüter®-RONDEC	RONDEC-DB	DB14AM	Schlüter®-FINEC	FINEC-A	F90AE	Schlüter®-SCHIENE	SCHIENE-STEP	SS80AE30	Schlüter®-DILEX	DILEX-BTO	AEBT150/O125
Schlüter®-JOLLY	JOLLY	J60AE	Schlüter®-FINEC	FINEC-A	F110AE	Schlüter®-SCHIENE	SCHIENE-STEP	SS100AE30	Schlüter®-DILEX	DILEX-BTO	AEBT175/O125
Schlüter®-JOLLY	JOLLY	J60AE/300	Schlüter®-FINEC	FINEC-A	F125AE	Schlüter®-SCHIENE	SCHIENE-STEP	SS125AE30	Schlüter®-DILEX	DILEX-BTO	AEBT200/O125
Schlüter®-JOLLY	JOLLY	J80AE	Schlüter®-DECO	DECO	AE80D	Schlüter®-SCHIENE	SCHIENE-STEP	SS150AE30	Schlüter®-DILEX	DILEX-BTS	AEBTS100
Schlüter®-JOLLY	JOLLY	J80AE/300	Schlüter®-DECO	DECO	AE100D	Schlüter®-SCHIENE	SCHIENE-STEP	SS80AE39	Schlüter®-DILEX	DILEX-AHK	AHK1S80AE
Schlüter®-JOLLY	JOLLY	J100AE	Schlüter®-DECO	DECO	AE125D	Schlüter®-SCHIENE	SCHIENE-STEP	SS100AE39	Schlüter®-DILEX	DILEX-AHK	AHK1S100AE
Schlüter®-JOLLY	JOLLY	J100AE/300	Schlüter®-INDEC	INDEC	IN80AE	Schlüter®-SCHIENE	SCHIENE-STEP	SS125AE39	Schlüter®-DILEX	DILEX-AHK	AHK1S125AE
Schlüter®-JOLLY	JOLLY	J110AE	Schlüter®-INDEC	INDEC	IN100AE	Schlüter®-SCHIENE	SCHIENE-STEP	SS150AE39	Schlüter®-DILEX	DILEX-AHKA	AHKA80AE
Schlüter®-JOLLY	JOLLY	J110AE/300	Schlüter®-INDEC	INDEC	IN110AE	Schlüter®-TREP	TRAP-TAP	TAP50AE	Schlüter®-DILEX	DILEX-AHKA	AHKA100AE
Schlüter®-JOLLY	JOLLY	J125AE	Schlüter®-INDEC	INDEC	IN125AE	Schlüter®-TREP	TRAP-TAP	TAP50AE/150	Schlüter®-DILEX	DILEX-AHKA	AHKA125AE
Schlüter®-JOLLY	JOLLY	J125AE/300	Schlüter®-QUADEC	QUADEC-FS	QF8/50AE	Schlüter®-TREP	TRAP-TAP	TAP50AE/100	Schlüter®-DILEX	DILEX-AHKA	AHKA150AE
Schlüter®-JOLLY	JOLLY-A	J60AM	Schlüter®-QUADEC	QUADEC-FS	QF8/50AT	Schlüter®-TREP	TRAP-TAP	TAPR61AE	Schlüter®-SHOWERPROFILE	SHOWERPROFILE-WS	SPWS19AE/300
Schlüter®-JOLLY	JOLLY-A	J80AM	Schlüter®-DECO	DECO-SG	C/SG80A15	Schlüter®-TREP	TRAP-TAP	TAPR61AE/150	Schlüter®-SHOWERPROFILE	SHOWERPROFILE-WS	SPWS19AE
Schlüter®-JOLLY	JOLLY-A	J100AM	Schlüter®-DECO	DECO-SG	C/SG100A15	Schlüter®-TREP	TREP-FL	FL90AE	Schlüter®-SHOWERPROFILE	SHOWERPROFILE-WS	SPWS19AE/100
Schlüter®-JOLLY	JOLLY-A	J110AM	Schlüter®-DECO	DECO-SG	C/SG110A15	Schlüter®-TREP	TREP-FL	FL90AE/300	Schlüter®-SHOWERPROFILE	SHOWERPROFILE-WSK	SPWSK52AE/300
Schlüter®-JOLLY	JOLLY-A	J125AM	Schlüter®-DECO	DECO-SG	C/SG125A15	Schlüter®-TREP	TREP-FL	FL110AE	Schlüter®-SHOWERPROFILE	SHOWERPROFILE-WSK	SPWSK52AE
Schlüter®-JOLLY	JOLLY-A	J60AK	Schlüter®-DECO	DECO-SG	SG80AE12	Schlüter®-TREP	TREP-FL	FL110AE/300	Schlüter®-SHOWERPROFILE	SHOWERPROFILE-WSK	SPWSK52AE/100
Schlüter®-JOLLY	JOLLY-A	J80AK	Schlüter®-DECO	DECO-SG	SG100AE12	Schlüter®-TREP	TREP-FL	FL125AE	Schlüter®-DECO	DECO-SGC-AE	SGC80AE12
Schlüter®-JOLLY	JOLLY-A	J100AK	Schlüter®-DECO	DECO-SG	SG110AE12	Schlüter®-TREP	TREP-FL	FL125AE/300	Schlüter®-DECO	DECO-SGC-AE	SGC100AE12
Schlüter®-JOLLY	JOLLY-A	J110AK	Schlüter®-DECO	DECO-SG	SG125AE12	Schlüter®-TREP	TREP-FL	FL90AE/150	Schlüter®-DECO	DECO-SGC-AE	SGC110AE12
Schlüter®-JOLLY	JOLLY-A	J125AK	Schlüter®-DECO	DECO-SG	SG80AE15	Schlüter®-TREP	TREP-FL	FL110AE/150	Schlüter®-DECO	DECO-SGC-AE	SGC125AE12
Schlüter®-JOLLY	JOLLY-A	J60AT	Schlüter®-DECO	DECO-SG	SG100AE15	Schlüter®-TREP	TREP-FL	FL125AE/150	Schlüter®-DECO	DECO-SGC-AE	SGC80AE15
Schlüter®-JOLLY	JOLLY-A	J80AT	Schlüter®-DECO	DECO-SG	SG110AE15	Schlüter®-TREP	TREP-FL	FL90AE/100	Schlüter®-DECO	DECO-SGC-AE	SGC100AE15
Schlüter®-JOLLY	JOLLY-A	J100AT	Schlüter®-DECO	DECO-SG	SG125AE15	Schlüter®-TREP	TREP-FL	FL110AE/100	Schlüter®-DECO	DECO-SGC-AE	SGC110AE15
Schlüter®-JOLLY	JOLLY-A	J110AT	Schlüter®-DESIGNBASE	DESIGNBASE-SL-A	DBSL60AE	Schlüter®-TREP	TREP-FL	FL125AE/100	Schlüter®-DECO	DECO-SGC-AE	SGC125AE15
Schlüter®-JOLLY	JOLLY-A	J125AT	Schlüter®-DESIGNBASE	DESIGNBASE-SL-A	DBSL80AE	Schlüter®-DILEX	DILEX-BT	AEBT80			

CONTENT DECLARATION

A reference product, Schlüter®, SCHIENE-AE, SCHIENE-AE, AE100, was chosen to represent the anodized aluminium profile portfolio for this EPD.

No substances included in the Candidate List of Substances of Very High Concern for authorization under REACH Regulations are present in Schlüter Systems membranes, either above the threshold for registration with the European Chemicals Agency or above 0.1% (wt./wt).

Product content	Mass, kg	Post-consumer recycled material, mass-% of product	Pre-consumer recycled material, mass-% of product	Biogenic material, mass-%, kg C per functional unit
Aluminium	2.37E-01	8%	38%	0%, 0.00E+00
TOTAL	2.37E-01	8%	38%	0%, 0.00E+00

Some variability may be present in the recycled content figures provided due to the dynamics of the global aluminium scrap market.

Packaging materials	Mass, kg	Mass-% (versus product)	Post-consumer recycled material, mass-% of packaging	Biogenic material, kg C per functional unit
Cardboard	1.47E-05	<0.01%	0%	6.34E-06
Wrapping foil	5.14E-05	0.02%	0%	0.00E+00
Graphic paper	1.38E-05	<0.01%	0%	5.93E-06
TOTAL	8.00E-05	0.03%	0%	1.23E-05

1 kg biogenic carbon in the product/packaging is equivalent to the uptake of 44/12 kg of CO₂.

LCA INFORMATION

Functional unit: Provide protection and finishing tile edge trim for 2.5 meter of floor and wall over 75 years

Reference flow: One profile of 2.5 meters (2.5 m) installed for 75 years

Conversion factor to mass: 0.0948 kg/m

Reference service life: 75 years

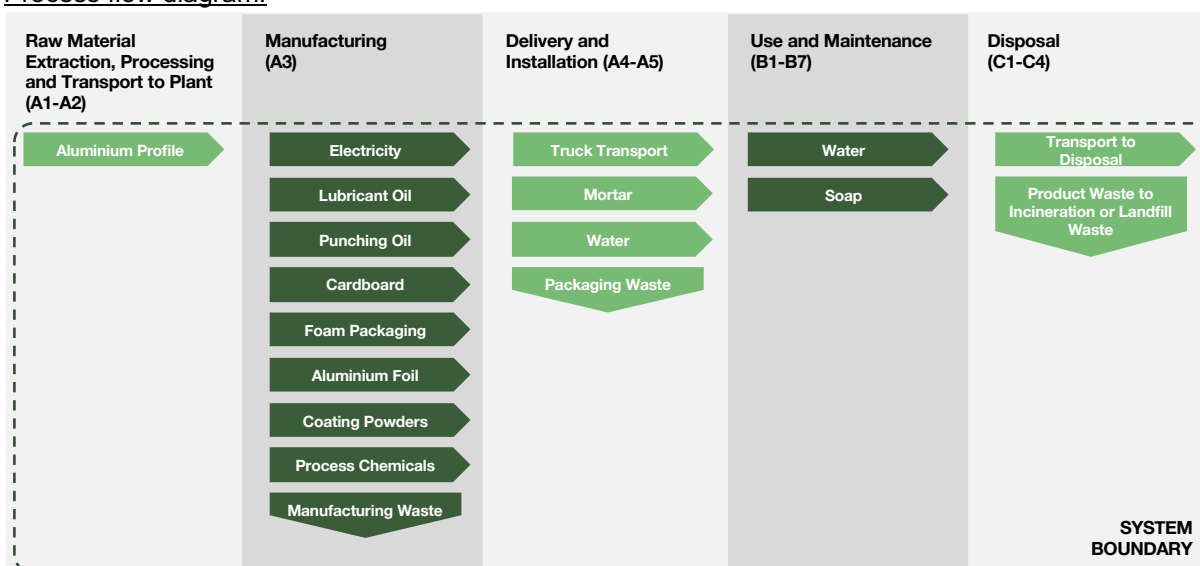
Time representativeness: Primary data were provided by the manufacturer and represent all information for calendar year 2024.

Geographical scope: Europe (A1, A2); Germany (A3); Europe (A4-A5, B1-B7, C1-C4, D)

Database(s) and LCA software used: MLC (Managed LCA Content) database 2025.2 and LCA FE (Life Cycle Assessment for Experts) 10.9.2 software.

Description of system boundaries: Cradle-to-grave with module D

Process flow diagram:



Manufacturing:

The extruded aluminium profiles are purchased from domestic or regional suppliers. These profiles arrive in their final extruded shape (e.g., L-shaped, square, or rounded) and are supplied already anodized. The extruded profiles are shipped by truck, rail, or ocean freight from suppliers to the client's manufacturing facility. This includes all logistics involved in delivering the finished profiles to storage areas on site.

Profiles are received and stored at the Schlüter Systems manufacturing site until production. All profiles undergo punching to add holes or functional features needed for installation. The profiles are labelled, picked, and packaged for distribution to customers.

Electricity:

Energy resources used in the manufacturing process are accounted in the model. The electricity is sourced from a directly connected supplier, and no onsite electricity generation is used. Electricity for A3 uses the electricity provider information for Schlüter Systems supplying 100% hydropower to the Iserlohn manufacturing site. A proxy data representing hydropower has been used to represent this power source which conforms to the requirements of the Construction Products PCR v2.0.1 (EPD International, 2025).

The emissions associated with the electricity used (100% hydropower) in the LCA are 8.69E-03 kg CO₂ eq per kWh using the GWP-GHG impact assessment methodology.

Cut-off Criteria:

Cumulative excluded material inputs, energy inputs, and environmental impacts must not exceed 5% based on total weight, energy use, or environmental impact of the functional unit. Inputs or outputs greater than 1% (based on total mass of the final product) were included within the scope of analysis. Material inputs less than 1% were included if sufficient data was available to warrant inclusion and/or the material input was thought to have significant environmental impact. Cumulative excluded material inputs and environmental impacts are less than 5% based on total weight and impact of the functional unit. The list of excluded inputs include:

- As the tools used during the installation of the product are multi-use tools and can be reused after each installation, the per-functional unit impacts are considered negligible and therefore are not included.

- Some material and energy inputs may have been excluded within the MLC datasets used for this project. All MLC datasets have been critically reviewed and conform to the exclusion requirements of the PCR.

Allocation:

General principles of allocation were based on ISO 14040/44 and the requirements from EN 15804+A2 (CEN, 2019). Aluminium scrap is also generated at the Iserlohn alongside the profiles and is considered a co-product that can be used in subsequent product systems. As such an economic allocation approach was applied. However, the economic value of that scrap is assumed to be \$0. To derive a per-unit value for manufacturing inputs such as electricity, thermal energy, and water, allocation based on total production by mass was adopted.

As a default, secondary MLC datasets use a physical basis for allocation. Additionally, impacts and benefits associated with secondary functions of materials at end of life are included (i.e., production into a third life or energy generation from the incineration plant).

Production impacts of machines, facilities and infrastructure/capital goods are excluded. Infrastructure impacts for electricity production were included as modelled in the Sphera secondary datasets.

Data Sources:

Primary data were used where available, including supplier data for raw materials used in the production process. When primary data does not exist, secondary data for raw material production are obtained from the MLC database.

Data Quality:

Data quality follows the schema defined by the UN Environment Global Guidance on LCA database development, per Annex E of EN15804+A2.

Geographical Coverage:

The geographical scope of the manufacturing portion of the life cycle is Germany. The geographical scope of the raw material acquisition is Europe. Customer distribution, site installation, and use portions of the life cycle is within Europe.

Time Coverage:

The temporal scope is production during calendar year 2024 (January 2024 – December 2024).

Technological Coverage:

The technological scope is the specific technology the company uses in manufacturing their product.

Post-Factory Gate Scenario Development

A4 (Delivery to Installation Site) Scenario Per Functional Unit

The product is delivered to the customer via truck within the E.U through regional distribution centres. Transportation averages are calculated based on sales records.

Distribution Details	European Truck
Vehicle Type	Truck-trailer, Euro mix, 20 - 28t gross weight / 27t payload capacity
Fuel Efficiency [L/100km]	56.2
Fuel Type	Diesel
Distance [km]	629

Distribution Details	European Truck
Capacity Utilization [%]	53%
Weight of Products Transported [kg]	2.37E-01
Capacity utilization volume factor	1

A5 (Construction) Scenario Per Functional Unit

Ancillary installation materials are required, as indicated in the table below. However, the manufacturing of the installation equipment is not included in the study as these are multi-use tools and the impacts per functional unit are considered negligible. Packaging and installation waste disposal have been modelled as per guidelines in the PCR. The profile is embedded to the surface using grout (a mixture of water and mortar).

Construction Phase End of Life Fate	Value
Mortar (kg)	5.52E-02
Net Freshwater Consumption (kg)	1.09E-02
Product wastage (%)	0%
Waste materials at the construction site before waste processing, generated by product installation (kg)	8.00E-05
Product Waste to Incineration (kg)	0.00E+00
Product Waste to Landfill (kg)	0.00E+00
Packaging Waste to Landfill (kg)	0.00E+00
Packaging Waste to Incineration (kg)	5.71E-07
Packaging Waste to Recycling (kg)	7.94E-05
Biogenic carbon content of packaging (kg CO ₂)	4.50E-05

The product should be installed according to the manufacturer's instructions found at Schlüter-Systems product pages for aluminium profiles [North America](#) and [E.U.](#)

B1-B7 (Use) Scenario Per Functional Unit

This stage contains all the energy, water, and materials related to the use of the product, including cleaning, maintenance, and replacements. The profile does not require any inputs or energy for maintenance or use. Once installed, it lies between tile flooring indefinitely.

This profile typically remains in place for 75 years, equal to the building estimated life and generally doesn't need to be replaced unless they are damaged or not installed as per manufacturer guidelines.

C1-C4 (Product End of Life) Scenario Per Functional Unit

In this stage, the product is transported to the end-of-life facility and disposed.

Assumptions for end-of-life modules C1, C2 and C3 were based on the table 4 of PCR2019:14. During deconstruction (module C1), the profile is removed from the mortar. The separated profile is sent to recycling. No product fraction is sent to landfill (C4).

The table below shows the parameters for the end-of-life scenario utilized in the model. All waste has been classified according to the PCR and regional standards.

End-of-Life Process Details	Value per Functional Unit
Diesel for demolition of steel or aluminium (kWh)	2.61E-06

End-of-Life Process Details	Value per Functional Unit
Collected as mixed construction waste (kg)	2.37E-01
Waste to recycling (kg)	2.37E-01
Distance to recycling (km)	8.00E+01
Electricity for waste processing (kWh)	5.21E-04
Diesel for waste processing (kWh)	5.69E-04

Module D (Benefits and Loads Beyond the System Boundary) Scenario Per Functional Unit

Module D calculates the environmental benefits or loads from reusing products, recycling materials, and producing energy from end-of-life options. Only those flows leaving the product system that have not been allocated as co-products and have passed the end-of-waste state are included within module D. For aluminium profiles, these credits are calculated on the portion of aluminium not derived from recycled sources, in accordance with the methodology recommended by EN 15804+A2 (CEN, 2019). These credits are equal to the difference between the cradle-to-gate footprints of primary aluminium production and scrap recycling.

Modules declared, geographical scope, share of primary data and data variation (GWP-GHG results):

	Product stage			Distribution/ installation stage		Use stage							End-of-life stage				Beyond product life cycle
	Raw material supply	Transport	Manufacturing	Transport	Construction installation	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	De-construction demolition	Transport	Waste processing	Disposal	Reuse, Recovery and Recycling potential
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	X	X	X	X	X	X	X	X	X	X	X
Geography	EU	EU	DE	EU	EU	EU	EU	EU	EU	EU	EU	EU	EU	EU	EU	EU	EU
Share of primary data	9%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation – products	-72% /166%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation – sites	0%			-	-	-	-	-	-	-	-	-	-	-	-	-	-

Process	Source type	Source	Reference year	Data category	Share of primary data, of GWP-GHG results for A1-A3
Generation of electricity used in manufacturing of product	Database	Sphera MLC	2024	Primary data	<1%
Transport to manufacturing site	Database	Sphera MLC	2024	Primary data	1%
Production of aluminum	EPD	EPD-IES- 0015664:004	2024	Secondary data	8%
Production of packaging	Database	Sphera MLC	2024	Secondary data	0%
Other processes	Databases	Sphera MLC	2014–2024	Secondary data	0%
Total share of primary data, of GWP-GHG results for A1-A3					9%

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.

The reported share of primary data is associated with uncertainty, as EPDs used as data source lack information on the share of primary data.

ENVIRONMENTAL PERFORMANCE

LCA results of the products - main environmental performance results

Mandatory impact category indicators according to EN 15804

Results per functional unit																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
GWP-total	kg CO ₂ eq.	1.24E+00	2.78E-02	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05	2.13E-03	2.78E-04	0.00E+00	-5.74E-01
GWP-fossil	kg CO ₂ eq.	1.23E+00	2.69E-02	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05	2.07E-03	2.74E-04	0.00E+00	-5.74E-01
GWP-biogenic	kg CO ₂ eq.	3.65E-03	2.26E-04	4.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-06	0.00E+00	0.00E+00	0.00E+00
GWP-luluc	kg CO ₂ eq.	6.56E-03	6.97E-04	4.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-06	5.35E-05	4.71E-06	0.00E+00	-9.51E-05
ODP	kg CFC 11 eq.	2.17E-08	7.58E-15	6.95E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-17	5.81E-16	6.64E-15	0.00E+00	-6.19E-12
AP	mol H ⁺ eq.	5.19E-03	6.69E-05	4.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-08	1.08E-05	5.51E-07	0.00E+00	-3.12E-03
EP-freshwater	kg P eq.	1.23E-04	5.14E-08	6.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-10	3.94E-09	1.03E-09	0.00E+00	-4.52E-07
EP-marine	kg N eq.	8.73E-04	2.86E-05	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-08	5.26E-06	1.71E-07	0.00E+00	-4.10E-04
EP-terrestrial	mol N eq.	9.27E-03	3.21E-04	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-07	5.78E-05	1.88E-06	0.00E+00	-4.47E-03
POCP	kg NMVOC eq.	2.59E-03	6.08E-05	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-08	1.04E-05	4.15E-07	0.00E+00	-1.26E-03
ADP-minerals&metals*	kg Sb eq.	1.55E-06	3.63E-09	8.33E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-11	2.78E-10	7.31E-11	0.00E+00	-4.78E-08
ADP-fossil*	MJ	1.78E+01	3.51E-01	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	2.70E-02	5.49E-03	0.00E+00	-8.02E+00
WDP*	m ³	2.08E-01	1.03E-04	2.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-07	7.93E-06	6.73E-06	0.00E+00	-3.65E-02
Acronyms	GWP-fossil = Global Warming Potential fossil fuels; GWP-biogenic = Global Warming Potential biogenic; GWP-luluc = Global Warming Potential land use and land use change; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential, Accumulated Exceedance; EP-freshwater = Eutrophication potential, fraction of nutrients reaching freshwater end compartment; EP-marine = Eutrophication potential, fraction of nutrients reaching marine end compartment; EP-terrestrial = Eutrophication potential, Accumulated Exceedance; POCP = Formation potential of tropospheric ozone; ADP-minerals&metals = Abiotic depletion potential for non-fossil resources; ADP-fossil = Abiotic depletion for fossil resources potential; WDP = Water (user) deprivation potential, deprivation-weighted water consumption															

* Disclaimer: 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.

The estimated impact results are only relative statements, which do not indicate the endpoints of the impact categories, exceeding threshold values, safety margins and/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). Biogenic carbon leaving the product system in module A5 has been balanced out already in modules A1-A3. The use of the results of modules A1-A3 without considering the results of module C is discouraged.

Additional mandatory and voluntary impact category indicators

Results per functional unit																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
GWP-GHG ¹	kg CO ₂ eq.	1.24E+00	2.77E-02	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	2.13E-03	2.82E-04	0.00E+00	-5.75E-01
PM	disease inc.	8.34E-08	5.15E-10	6.55E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-13	5.92E-11	4.77E-12	0.00E+00	-5.19E-08
IHH	kBq U235 eq.	2.40E-01	5.02E-05	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-07	3.85E-06	2.96E-05	0.00E+00	-1.53E-01
ET	CTUe	1.73E+01	3.89E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	2.98E-02	3.41E-03	0.00E+00	-1.06E+01
HTC	CTUh	1.73E-07	5.58E-12	5.48E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-14	4.28E-13	9.96E-14	0.00E+00	4.37E-08
HTNC	CTUh	1.02E-07	2.15E-10	4.48E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-13	1.65E-11	3.08E-12	0.00E+00	-2.77E-08
LU	Pt	7.14E+00	1.84E-01	4.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04	1.41E-02	3.05E-03	0.00E+00	-3.37E-01
Acronyms	GHG = greenhouse gas; PM = particulate matter; IHH = Ionising radiation, human health; ET = Ecotoxicity, freshwater; HTC = Human toxicity, cancer; HTNC = Human toxicity, non-cancer; LU = Land use															

Resource use indicators

Results per functional unit																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
PERE	MJ	2.51E+01	6.06E-02	8.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	4.65E-03	6.22E-03	0.00E+00	-1.25E+01
PERM ²	MJ	7.49E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	MJ	2.58E+01	6.06E-02	8.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	4.65E-03	6.22E-03	0.00E+00	-1.25E+01
PENRE	MJ	3.64E+01	7.03E-01	3.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	5.39E-02	1.10E-02	0.00E+00	-1.60E+01
PENRM ²	MJ	8.29E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	MJ	3.72E+01	7.03E-01	3.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	5.39E-02	1.10E-02	0.00E+00	-1.60E+01
SM	kg	1.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	m ³	3.94E-02	4.31E-05	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-07	3.31E-06	2.35E-06	0.00E+00	-1.76E-02
Acronyms	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy re-sources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water															

¹ This indicator accounts for all greenhouse gases except biogenic carbon dioxide uptake and emissions and biogenic carbon stored in the product. As such, the indicator is identical to GWP-total except that the CF for biogenic CO₂ is set to zero.

² The primary energy resources used as raw materials were calculated by multiplying the mass of each material of the product and packaging content with the lower calorific value (MJ/kg) of the material. Specifically, option B within Annex 3 of the PCR (EPD International, 2022) was utilized for these calculations, whereby the energy used as raw material is declared as an input to the module where it enters the product system and as an output from the product system if it exits the product system as useful energy.

Waste and output flow indicators

Results per functional unit																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Hazardous waste disposed	kg	5.83E-02	3.67E-11	1.36E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-13	2.81E-12	1.28E-11	0.00E+00	1.86E-04
Non-hazardous waste disposed	kg	4.84E-01	1.04E-04	4.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-07	8.01E-06	6.37E-06	0.00E+00	-3.98E-01
Radioactive waste disposed	kg	4.25E-03	5.09E-07	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-09	3.90E-08	2.95E-07	0.00E+00	-6.28E-04
Components for re-use	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Material for recycling	kg	3.04E-01	0.00E+00	7.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-01	0.00E+00	0.00E+00
Materials for energy recovery	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy, electricity	MJ	4.51E-01	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy, thermal	MJ	2.86E-03	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Additional LCA results of the products

This EPD covers several anodized aluminium profile products and does not claim compliance with ISO 21930; therefore, variations greater than 10% are acceptable. These variations are expected, as the profiles are available in many different designs. The weight of the profiles can vary due to design-specific punching and the presence of perforation. Despite these differences, the products have similar characteristics in terms of raw material, manufacturing processes, and intended applications. For these reasons, grouping these profiles under one EPD was considered appropriate.

The table below additional LCA results for the product range covered by this EPD. It shows the minimum and maximum results, corresponding respectively to the lowest-weight and highest-weight profiles for a functional unit of 1 meter. The representative product shown in the table is the reference product for which detailed results are presented earlier in the body of the EPD.

LCA result of one functional unit (A-C)	Unit	Min (0.112 kg)	Representative (0.237 kg)	Max (2.578 kg)
GWP-fossil	kg CO ₂ eq.	5.96E-01	1.26E+00	1.37E+01
GWP-biogenic	kg CO ₂ eq.	1.86E-03	3.94E-03	4.28E-02
GWP-luluc	kg CO ₂ eq.	3.46E-03	7.32E-03	7.96E-02
GWP-total	kg CO ₂ eq.	6.01E-01	1.27E+00	1.38E+01
ODP	kg CFC 11 eq.	1.02E-08	2.17E-08	2.36E-07
AP	mol H ⁺ eq.	2.49E-03	5.26E-03	5.73E-02
EP-freshwater	kg P eq.	5.81E-05	1.23E-04	1.34E-03
EP- marine	kg N eq.	4.29E-04	9.07E-04	9.87E-03
EP-terrestrial	mol N eq.	4.56E-03	9.65E-03	1.05E-01
POCP	kg NMVOC eq.	1.26E-03	2.66E-03	2.90E-02
ADP-minerals&metals	kg Sb eq.	7.33E-07	1.55E-06	1.69E-05
ADP-fossil	MJ	8.61E+00	1.82E+01	1.98E+02
WDP	m ³	9.85E-02	2.09E-01	2.27E+00

ADDITIONAL ENVIRONMENTAL INFORMATION

Environmental Activities and Certifications

Schlüter's anodized aluminum profiles have the following certifications:

- Red List free
- [VOC Certificate](#)
- [HPD](#)

ABBREVIATIONS

Abbreviation	Definition
General Abbreviations	
CPC	Central product classification
DE	Germany
EF	Environmental Footprint
EN	European Norm (Standard)
EPD	Environmental Product Declaration
EU	European Union
GPI	General Programme Instructions
ISO	International Organization for Standardization
LCA	Life Cycle Assessment
MLC	Managed Lifecycle Content
ND	Not Declared
PCR	Product Category Rules

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VERSION HISTORY

Original Version of the EPD, 2026-07-31

