dormakaba

Access to a sustainable future

Access Automation Solutions by dormakaba

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Think tomorrow

We are committed to championing sustainability in everything we do, from producing more sustainable solutions to help our customers lessen their environmental footprint to being a fair and responsible employer and neighbor.

We work together with internationally acknowledged organizations to make it happen. For every place that matters.

Memberships

DGNB
Deutsche Gesellschaft für Nachhaltiges Bauer
German Sustainable Building Council

SINGAPORE GREEN BUILDING COUNCIL

U.S. GREEN BUILDING COUNCIL USGBC

THIRD-PARTY VERIFIED EPD Institut Bauen und Umwelt e.V.

hpdc MEMBER

In support of
WOMEN'S EMPOWERMENT PRINCIPLES
Established by UN Women and the UN Global Compact Office

UN GLOBAL COMPACT

RESPONSIBLE MINERALS INITIATIVE

RESPONSIBLE LABOR INITIATIVE
SUPPORTER MEMBER

External ratings & reporting partners

MSCI ESG RATINGS AA
CCC | B | BB | BBB | A | AA | AAA

Corporate ESG Performance
Prime
RATED BY ISS ESG

GRI

GOLD 2023 ecovadis Sustainability Rating

CDP
DISCLOSURE INSIGHT ACTION

SCIENCE BASED TARGETS
DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

Shaping a sustainable future

We are aware of our customers' increasing demand for more sustainable products. To respond to the needs and expectations of our society and customers, we put sustainability at the core of our vision, which underlines our long-term commitment to shaping a more sustainable industry and future. dormakaba demonstrates leadership in many areas of sustainability and drives a sustainable development in the access solutions market. Our sustainability framework is in line with all material topics, which are aligned to three Pillars: People, Planet and Partnerships.

Scan the QR code or click here for more information about our sustainability framework

People

We empower our people so that they can unlock their full potential

Aim

We create a fair, inclusive and safe culture which enables our employees to thrive. We provide a workplace where they can continuously grow, openly contribute with their ideas and feel proud of their achievements.

Material topics

- Fair Employment
- Training & Education
- Diversity & Inclusion
- Occupational Health & Safety

UN SDGs

Key targets

1 in 3 managers are women	
Target year	2027
Baseline FY 20/21	19%

Planet

We open the doors wide to a low carbon and circular economy

Aim

We develop innovative and resource efficient solutions for the circular economy and do our part to ensure a climate resilient future. We offer durable and energy efficient products that help our customers achieve their own sustainability goals.

Material topics

- Energy & Emissions
- Circular Economy & Materials
- Environmental Compliance

UN SDGs

Key targets

Reduce operational emissions 42% in line with a 1.5°C future	
Target year	2030
Baseline FY 19/20	74,770 tCO_2e*

Reduce value chain emissions from purchased goods & services, and the use of sold products by 25%	
Target year	2030
Baseline FY 19/20	1,124,936 tCO_2e*

All new product developments and optimizations are covered by our circularity approach	
Target year	2023

*Baseline FY 2019/20 in line with Science Based Targets initiative validation

Partnerships

We collaborate to promote sustainable development beyond our own doors

Aim

We lead by example and engage with our partners to drive more eco-friendly practices and support the protection of human rights. Through our secure access solutions, we also contribute to people's health and safety.

Material topics

- Supplier Sustainable Development
- Human Rights
- Customer Health & Safety

UN SDGs

Key targets

Assess all high-risk suppliers for their sustainability management by a third-party or off-board them for lack of participation	
Target year	2027
Baseline FY 20/21	10%

We open the doors wide to a circular economy

We focus on accelerating circular solutions and enable our customers to sustainably create value throughout the building life cycle.

Transition towards a circular economy

The building sector consumes more than half the world's virgin resources and accounts for nearly a third of solid waste streams[1]. All actors in the industry have a clear responsibility to reduce this impact in their own area of influence.

In a circular economy, buildings are designed to optimize energy and resources, reuse and recycle whenever possible while minimizing or eliminating waste. For a healthier planet, human populations, and economies, boldly embracing the circular economy is the only way forward.

Sustainability by design

As a leading manufacturer, dormakaba is committed to incorporating the latest product life cycle approaches and environmental technologies to continuously advance our product development, and improve our own, as well as our customers' sustainability performance. Because we know that over 80% of all product-related environmental impacts are determined during the design phase of a product, we have developed a comprehensive circularity approach. As of 2023, all new product developments will need to follow minimum criteria in line with it.

[1] United Nations Environment Programme (2020) 2020 Global Status Report for Buildings and Construction: towards a Zero-emission, Efficient and Resilient Buildings and Construction Sector, Global Status Report.

More durability, less waste

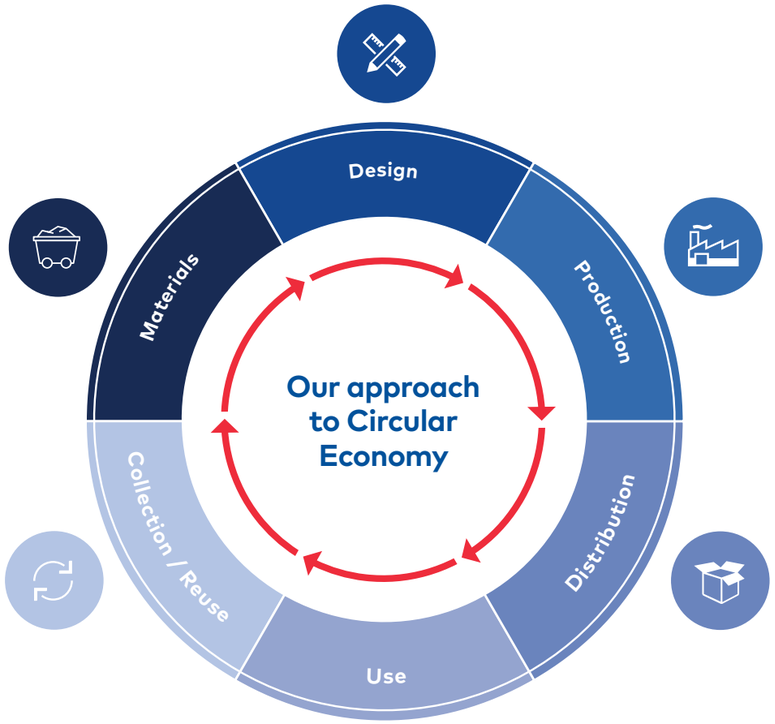
Durability is essential in the sustainable built environment. Our products have a long life span of up to 20 years, which means fewer replacements, fewer resources needed and fewer costs for our customers. Quite simply, the longer you can use a product, the better. In our design process we aim to extend the service life of our products through analysing for structural weak points of predecessor models and eliminating them, avoiding adhesive bonds to improve disassembly and repairability, using detachable connections and ensuring backwards compatibility, among others.

Our aim is to ensure that our products and components can be **reused**, **repaired**, or **reintroduced** as raw materials back into the manufacturing cycle.

Greener materials

As part of our circularity approach, we have also set minimum requirements for recycled content for the materials we select for our products. Besides leading to a lower carbon footprint, the increased use of recycled content will help customers earn credits for green building certification.

We are also moving to use only **Forest Stewardship (FSC)-certified sources** for all paper, wood and carton, which also serves customers in getting green building credits.



Scan the QR code or click here for more information about circular economy and materials.

Design
- Design for long life span
- Design for energy efficiency in the use phase
- Design for repair / reuse / recycling
- Life Cycle Assessment optimization

Production
- Material and energy efficient production
- Use of renewable energy sources
- Avoid and reduce toxic materials
- Scrap recovery

Distribution
- Reduce packaging material
- Avoid plastic packaging
- Use recycled packaging material
- Use FSC certified paper, wood and carton

Materials
- Compliance with materials restrictions and regulations
- Use of renewable / recycled raw materials
- Substitution of rare materials

Collection / Reuse
- Take back programs
- Customer information on recycling

Use
- Leasing / production as a service
- Upgrade / repair services
- No toxic exposures (i.e. low VOCs, formaldehyde)
- Customer information on sustainability features

Growing need for green buildings

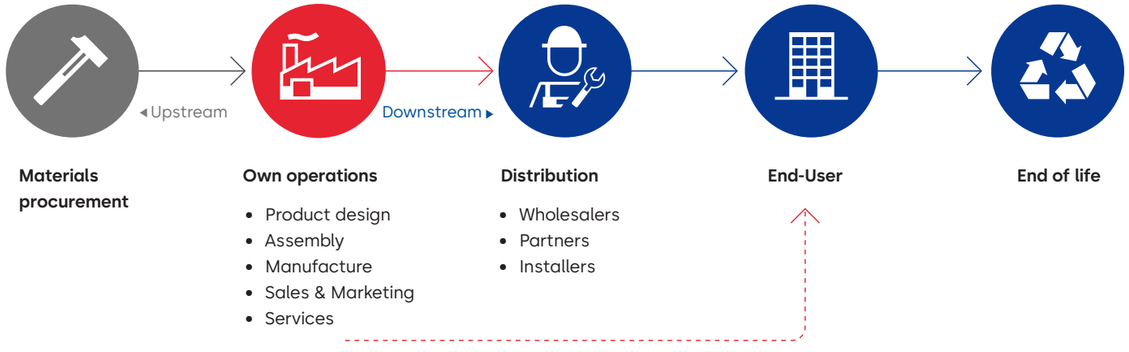
More transparency along the products' whole life cycle

Life cycle assessment **(LCA)** is a standardized methodology for assessing environmental impacts associated with all stages of the product`s life cycle, from materials extraction to the end of life of the product. Using this information, we are able to develop Environmental Product Declarations **(EPDs)**, that help our customers gain credits for green building certification programs.

Green building certification systems - including **LEED** (Leadership in Energy and Environmental Design), **BREEAM** (Building Research Establishment Environmental Methodology) and **DGNB** (Deutsche Gesellschaft für Nachhaltiges Bauen, German Sustainable Building Council) - help customers ensure that a building is designed and constructed in a sustainable way incorporating products with EPDs.

Our EPDs are based on international standards and verified by a third-party ensuring that the information used is transparent, reliable and credible. We currently offer over 200 sustainability related product declarations and certifications.

Scan the QR code or click here for more information about our sustainability product declaration.



Why your building's Life Cycle Assessment matters

Reducing environmental impact
According to the United Nations Environment Programme, buildings and construction contribute to almost 40% of global carbon emissions. It is with this in mind that architects, contractors, and manufacturers are increasingly committing themselves to **sustainable design** and practicing **sustainable business**.
LCA provides the stakeholders with invaluable information on a building's environmental blindspots, which can help them to address potential issues like carbon emissions, waste or energy flows.

Saving costs
Enabling the property developers to gain a bird's eye perspective over all aspects of their projects, **LCA can dramatically cut costs** in both the short and long term. One important detail of a building as such is its energy use. Unless optimized systematically, energy use can eat up a bulk of resources during both the construction process and beyond. Utilizing a combination of product data, LCA can also help the developers to compare different products and materials with the same outcomes to pick the most cost effective option.

Speaking one language
Trying to sift through the mountains of product and building data can be overwhelming for architects and developers, leading to misunderstandings and errors. In complex projects with much to oversee, LCA provides a **standardized process** to assist all the team members to speak one language about the building's environmental impact - regardless of the number of components built into it. With this methodology, it's possible to streamline communication between colleagues and to boost understanding on how the building fits into the **urban ecosystem**.

Making future-oriented decisions
LCA provides a scientific system for stakeholders to make the best decisions about their buildings and tackle many challenges that arise during, before and after construction.
The demand for LCA is on the rise due to the accelerating environmental concern. In the construction industry, its already been standardized by use of **EPDs**. Several **green building certification** schemes give building planners credits for providing EPDs for their selected construction products.

Environmental impact factsheets

ED 100 / 250
Swing Door Operator

Key Figures

Lifetime per unit: 10 years
Weight per unit: 13 kg
Electricity use per year: 70 kWh
Production location: Ennepetal, Germany

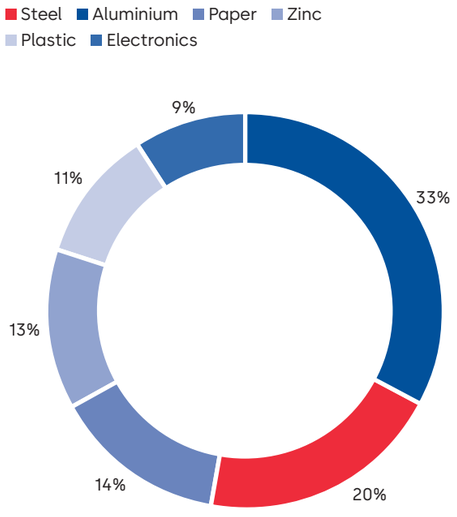
Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified	ISO 45001 certified	ISO 50001 certified	✔

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔	✔	✔	✔

Material used (%)



The GWP[1] across the life cycle is 330 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from Berlin to Zurich (1,300 km)

[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

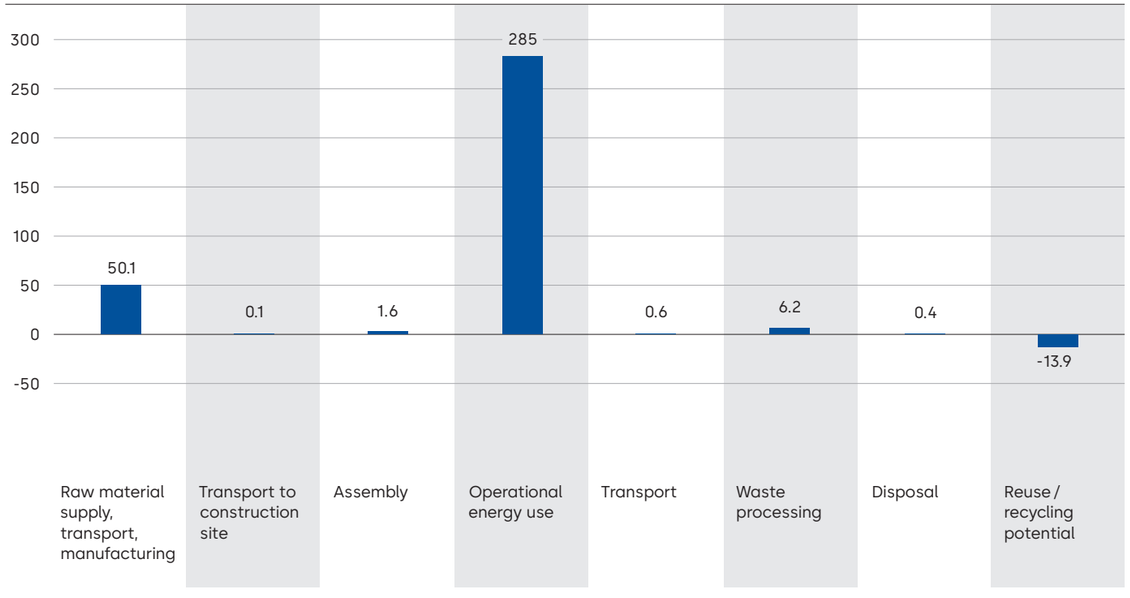
Scan the QR code or click here for more information about sustainability

Scan the QR code or click here for more information about our sustainability product declaration.

Description

The automatic swing door operators manufactured by dormakaba are electromechanical swing door operators designed for single or double leaf doors. Depending on the width and weight of the door leaf, the ED 100 or the ED 250 is required. Both operators can be mounted with standard arm as push-version and with slide channel as pull-version. Apart from the extended cover, an integrated door coordinator is also available for double-leaf operators, which is also easily fitted. By using the dormakaba upgrade card, the functional scope can be adapted to a variety of door situations.

Total Global Warming Potential per life cycle stage (kg CO_2e)



ES PROLINE
Modular automatic drive system for sliding door

Key Figures

Lifetime per unit: 15 years
Weight per unit: 27.5 kg

Electricity use per year: 66 kWh
Production location: Ennepetal, Germany

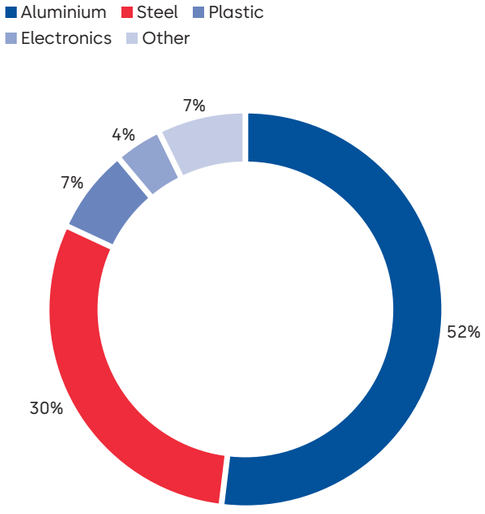
Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified	ISO 45001 certified	ISO 50001 certified	✔

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔	✔	✔	✔

Material used (%)



The GWP[1] across the life cycle is 581 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from Madrid to Amsterdam (2,900 km)

[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

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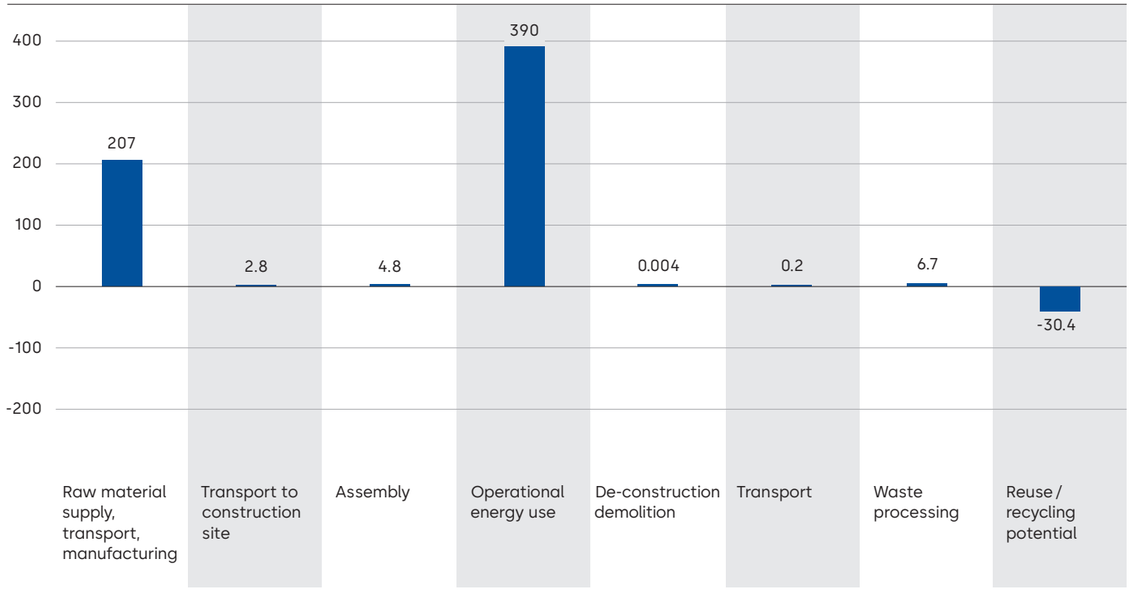
Description

ES PROLINE is the new generation of sliding door operators. It uses 64% less energy consumption in the use phase compared with the previous product. ES PROLINE easily moves doors with door leaf weights of up to 400 kg. The drive system is certified to perform 1.5 million opening and closing cycles, this corresponds to a 50% longer certified life-time of the door system.

Total Global Warming Potential per life cycle stage (kg CO_2e)



ES 200
Automatic sliding door operator

Key Figures

Lifetime per unit: 10 years
Weight per unit: 40.4 kg

Electricity use per year: 189 kWh
Production location: Ennepetal, Germany

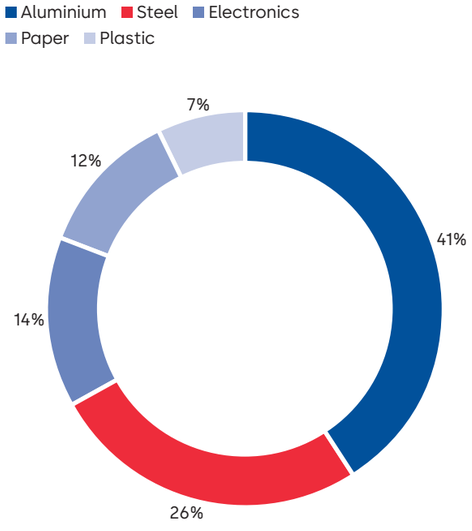
Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified	ISO 45001 certified	ISO 50001 certified	✔

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔	✔	✔	✔

Material used (%)



The GWP[1] across the life cycle is 879 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from Madrid to Athens (4,800 km)

[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

Scan the QR code or click here for more information about sustainability

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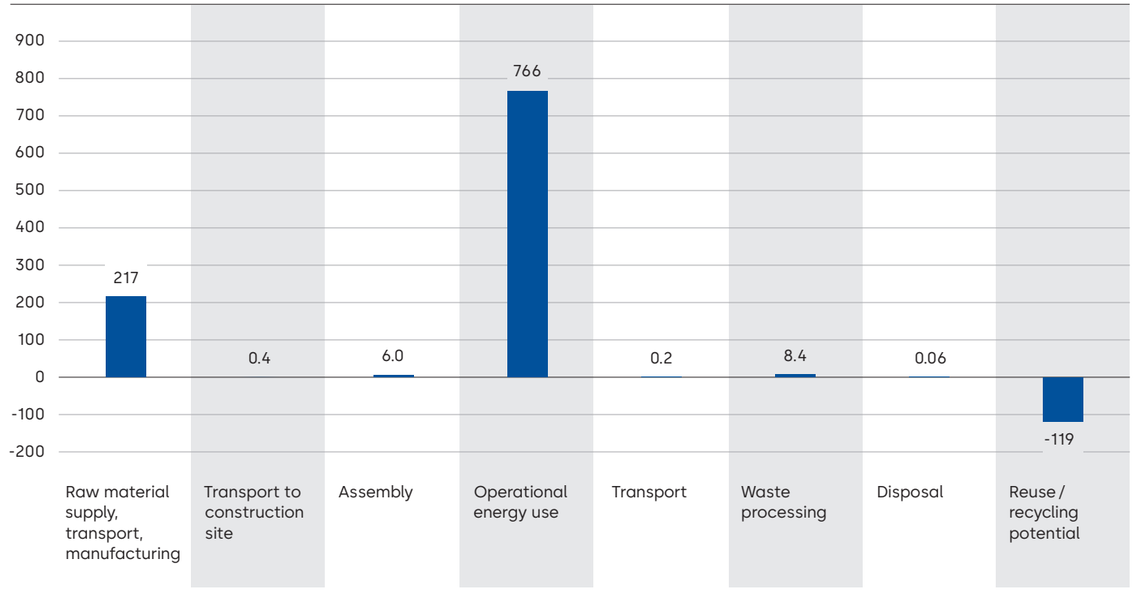
Description

The automatic sliding door operator is a solution for any fields of application and scope of operation. The ES 200 allows dormakaba to supply a drive system that covers all applications due to its modular construction with a low number of components.

Total Global Warming Potential per life cycle stage (kg CO_2e)



ES 400
Sliding door operator

Key Figures

Lifetime per unit: 5 years
Weight per unit: 16.6 kg
Electricity use per year: 200 kWh
Production location: Zusmarshausen, Germany

Production standards

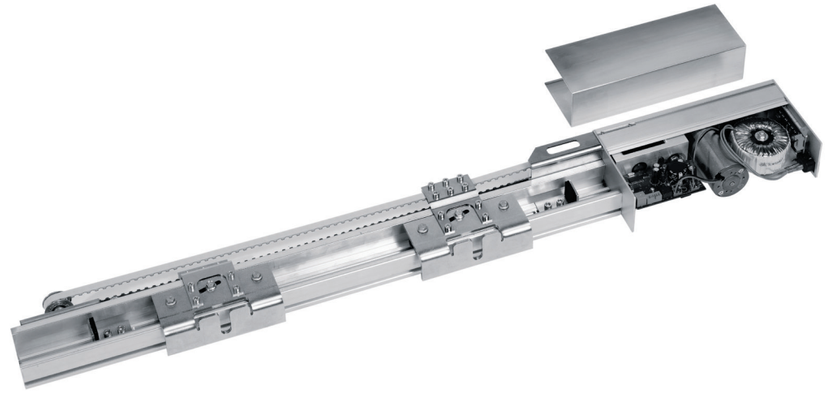
Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified	ISO 45001 certified		✔

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔			

Scan the QR code or click here for more information about sustainability

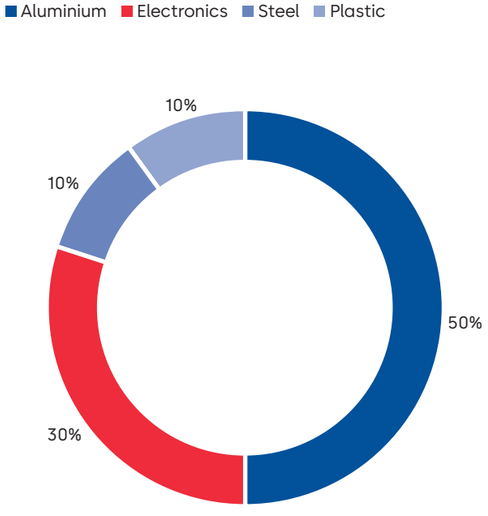
Scan the QR code or click here for more information about our sustainability product declaration.



Description

As a compact and innovative sliding door operator, the ES 400 is especially suitable for application in hospitals, institutes or laboratories. Thanks to its simple and lowmaintenance design, it guarantees easy handling and reliable function as well as a long life cycle.

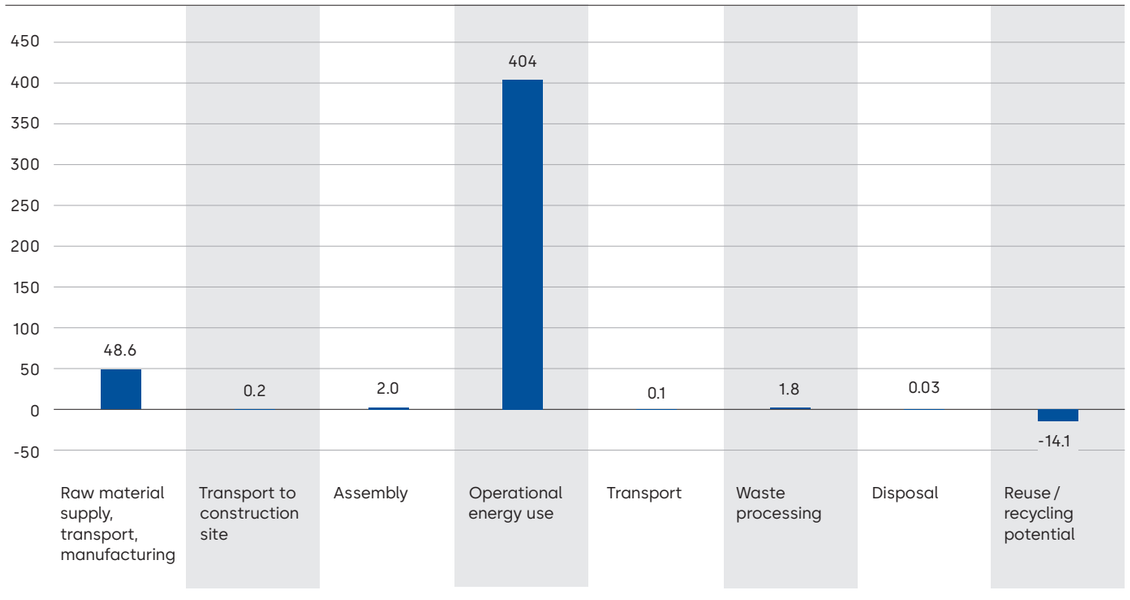
Material used (%)



The GWP[1] across the life cycle is 443 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from Paris to Rome (2,200 km)

Total Global Warming Potential per life cycle stage (kg CO_2e)



[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

AL 401
Series Sliding door operator

Key Figures

Lifetime per unit: 10 years
Weight per unit: 123 kg
Electricity use per year: 94 kWh
Production location: Hallam, Australia

Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔			

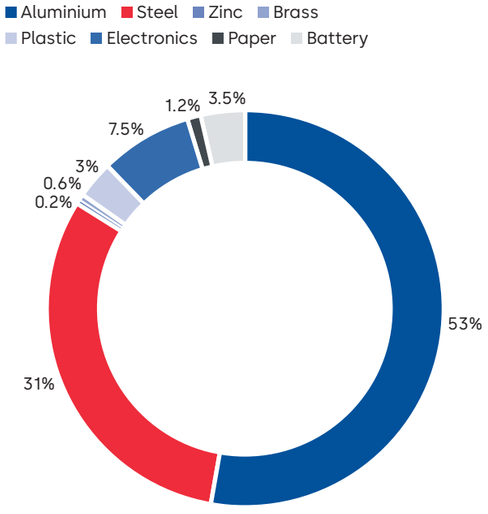
Scan the QR code or click here for more information about sustainability

Scan the QR code or click here for more information about our sustainability product declaration.

Description

The AL 401 is a heavy duty automatic door operator. Its unique rubber-mounted stainless steel tracking system and heavy-duty cowl provide the product longevity, a load capacity of 400 kg maximum and installation alternatives. The AL 401 is designed to control and operate biparting and single sliding doors including aluminium framed and frameless glass doors up to 19 mm thick.

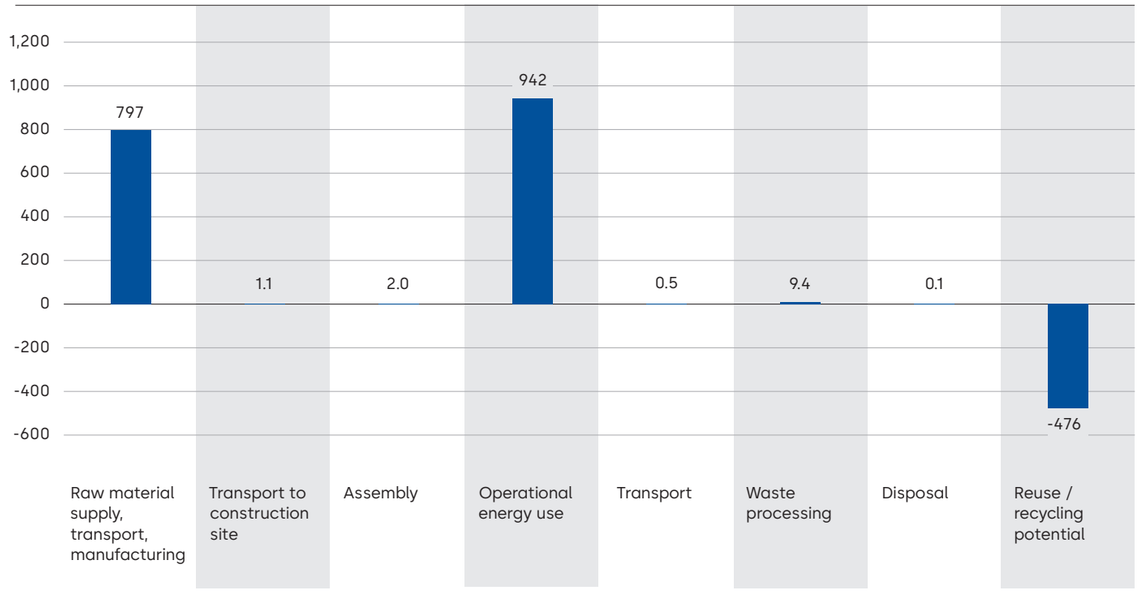
Material used (%)



The GWP[1] across the life cycle is 1,276 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from Los Angeles to Monteral (8,000 km)

Total Global Warming Potential per life cycle stage (kg CO_2e)



[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

EL 301
Series Sliding door operator

Key Figures

Lifetime per unit: 10 years
Weight per unit: 73 kg
Electricity use per year: 94 kWh
Production location: Hallam, Australia

Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔			

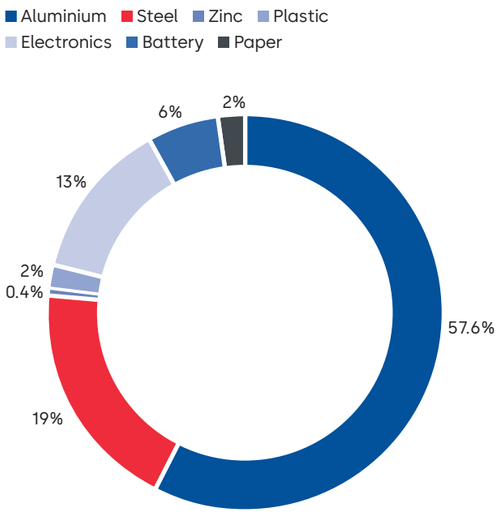
Scan the QR code or click here for more information about sustainability

Scan the QR code or click here for more information about our sustainability product declaration.

Description

The dormakaba EL 301 automatic door operator is engineered to control and operate bi-parting and single slide framed and frameless glass sliding doors. The dormakaba EL 301 automatic door operator is a proven performer in airports, shopping centres, supermarkets, hotels, hospitals, financial institutions, sports stadiums and many other commercial sites.

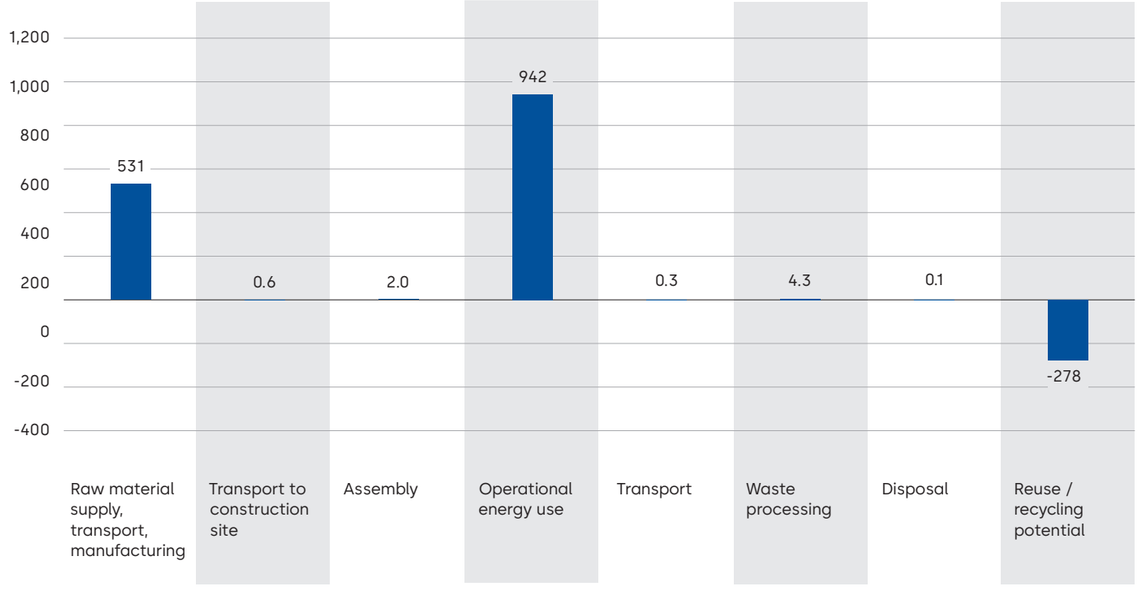
Material used (%)



The GWP[1] across the life cycle is 1,202 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from Rome to Iceland (6,600 km)

Total Global Warming Potential per life cycle stage (kg CO_2e)



[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

ST PRO Green
Automatic sliding door

Key Figures

Lifetime per unit: 15 years
Weight per unit: 208 kg
Electricity use per year: 66 kWh
Production location: Zusmarshausen, Germany

Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified	ISO 45001 certified		✔

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔	✔		✔

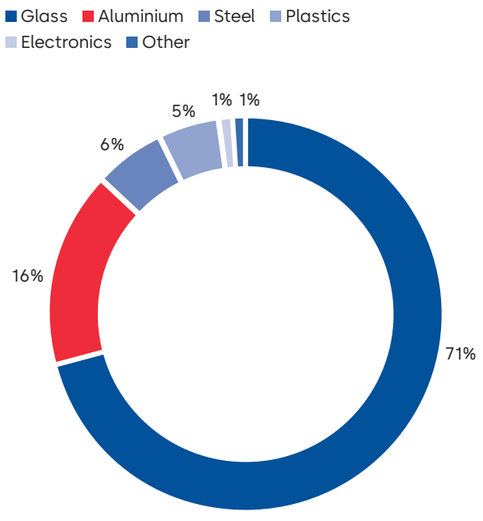
Scan the QR code or click here for more information about sustainability

Scan the QR code or click here for more information about our sustainability product declaration.

Description

The ST PRO GREEN convinces with its comprehensive energy efficiency. The slim profile system can be used with double and triple glazing, whereby UD values of down to 1.0 W/(m²·K) (glass heat transfer coefficient) can be realized. Together with the thermally separated profile the energy losses are minimized.

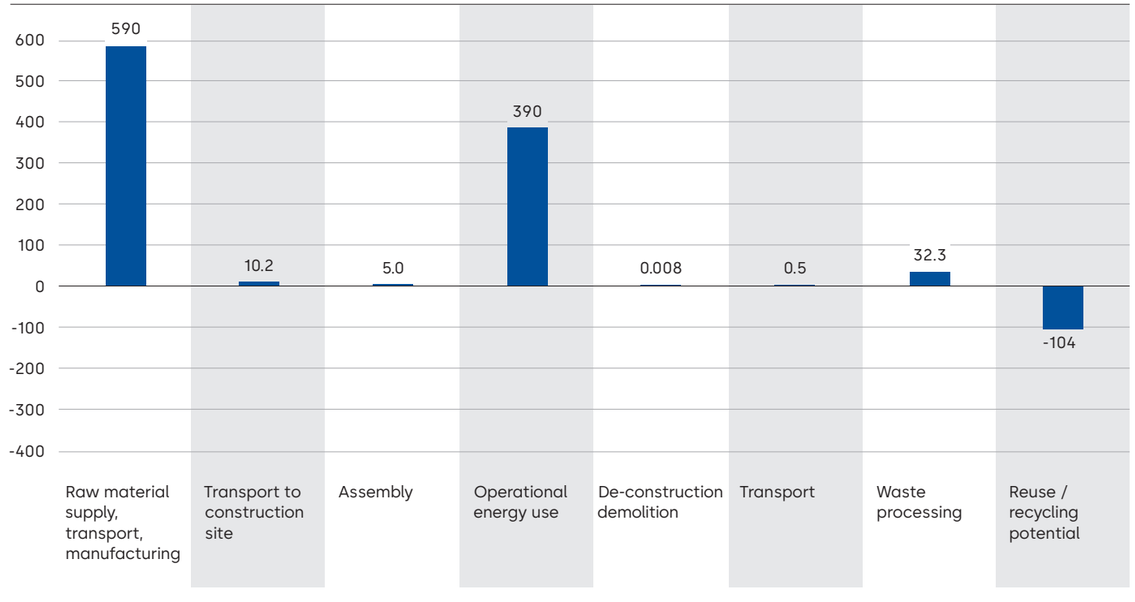
Material used (%)



The GWP[1] across the life cycle is 924 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from Paris to Istanbul (4,500 km)

Total Global Warming Potential per life cycle stage (kg CO_2e)



[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

ST PRO Green RC2 / RC3
Automatic sliding door

Key Figures

Lifetime per unit: 15 years
Weight per unit: 231 kg
Electricity use per year: 66 kWh
Production location: Zusmarshausen, Germany

Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified	ISO 45001 certified		✔

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔	✔		✔

Scan the QR code or click here for more information about sustainability

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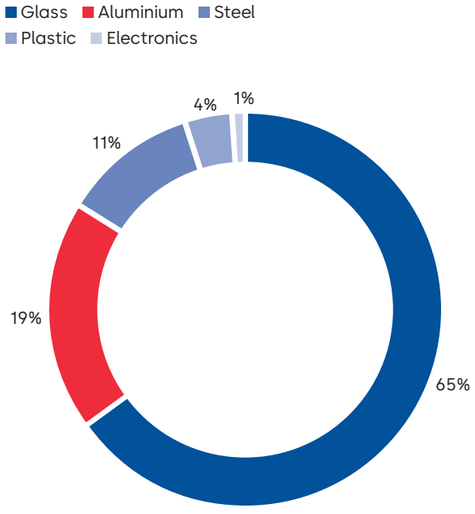
Description

The ST PRO Green RC2 / RC3 impresses with its reinforced profile system and its safety. The entire automatic door has extensive sabotage protection. An electromechanical multi-point hook locking system in the area of the main closing edge offers additional security. Burglar-resistant double and triple glazing together with the PRO Green profile system ensure a high level of security and low energy losses.

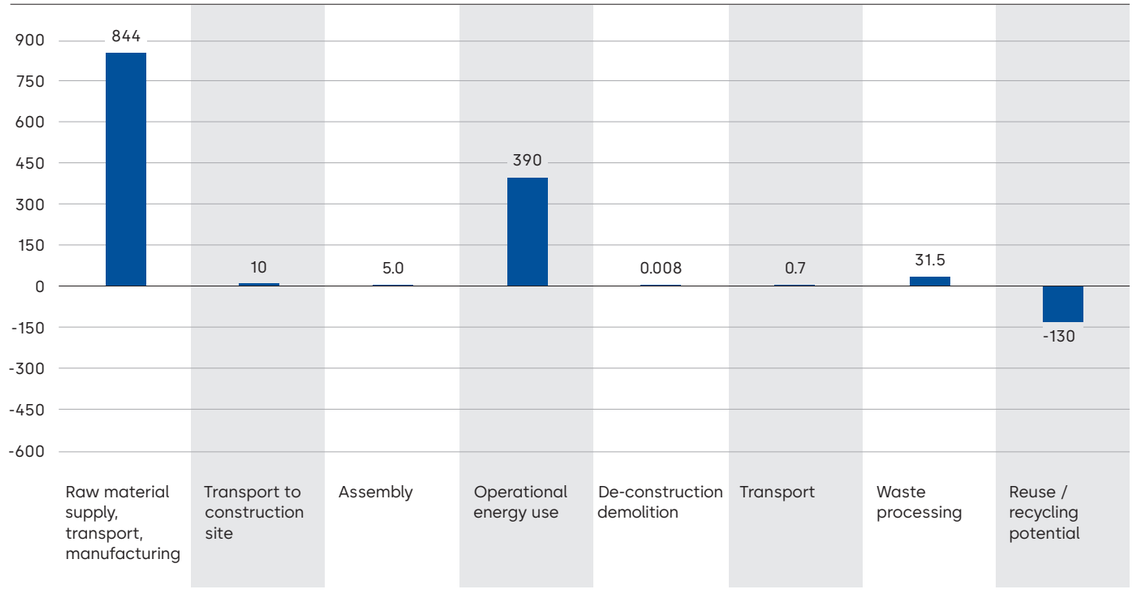
Material used (%)



The GWP[1] across the life cycle is 1,151 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from Stockholm to Lisbon (6,000 km)

Total Global Warming Potential per life cycle stage (kg CO_2e)



[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

ST FLEX
Automatic sliding door

Key Figures

Lifetime per unit: 10 years
Weight per unit: 253 kg
Production location: Zusmarshausen, Germany

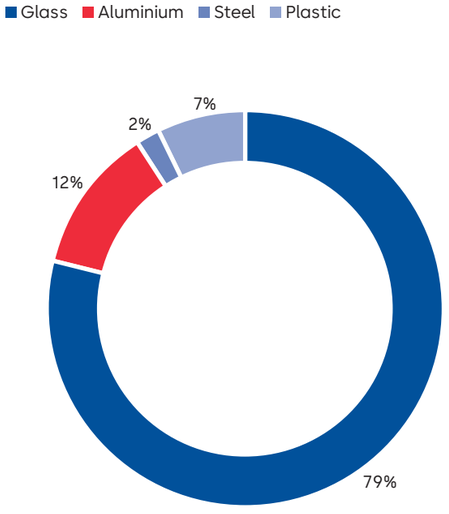
Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified	ISO 45001 certified		✔

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔	✔		✔

Material used (%)



The GWP[1] across the life cycle is 434 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from Paris to Rome (2,200 km)

[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

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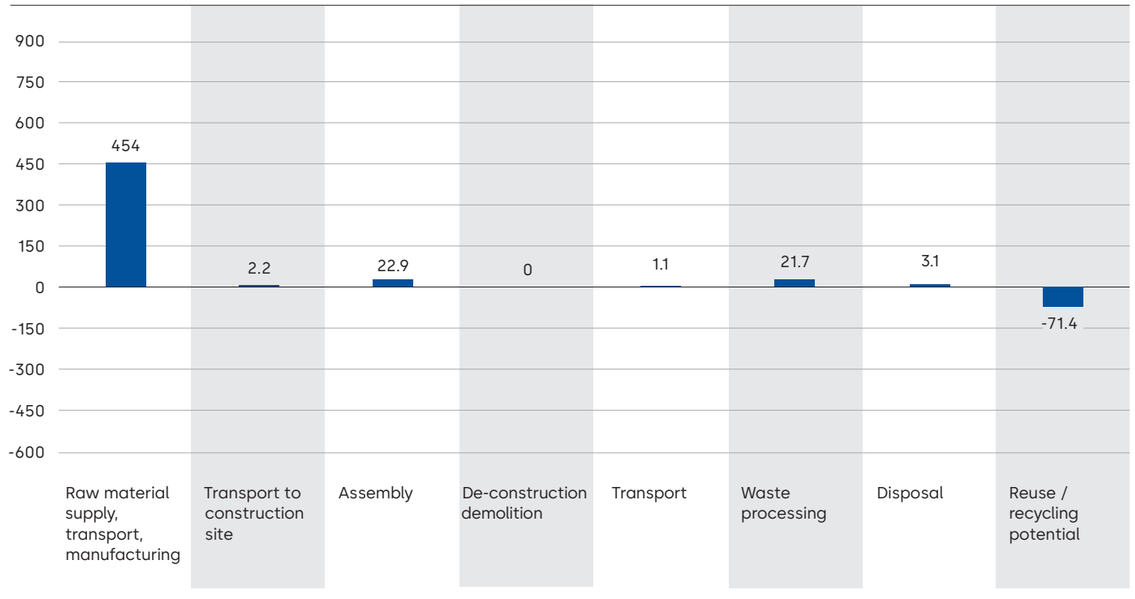
Description

Thanks to its low profile width, the ST FLEX system allows plenty of light penetration. Offering high user convenience and easy accessibility, the ST FLEX invokes an inviting atmosphere. It has excellent sealing features thanks to interlocking side seals and top and bottom seals. It is very flexible and adaptable to project requirements. This factsheet refers to a modular EPD, meaning that the automatic drive system used is covered in another EPD (ES Proline or ES 200). Therefore, no energy consumption is declared.

Total Global Warming Potential per life cycle stage (kg CO_2e)



ST FLEX Green
Automatic sliding door

Key Figures

Lifetime per unit: 10 years
Weight per unit: 287 kg
Production location: Zusmarshausen, Germany

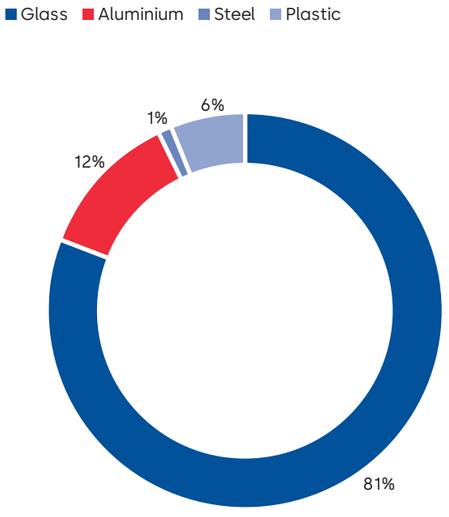
Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified	ISO 45001 certified		✔

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔	✔		✔

Material used (%)



The GWP[1] across the life cycle is 496 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from Barcelona to Amsterdam (2,500 km)

[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

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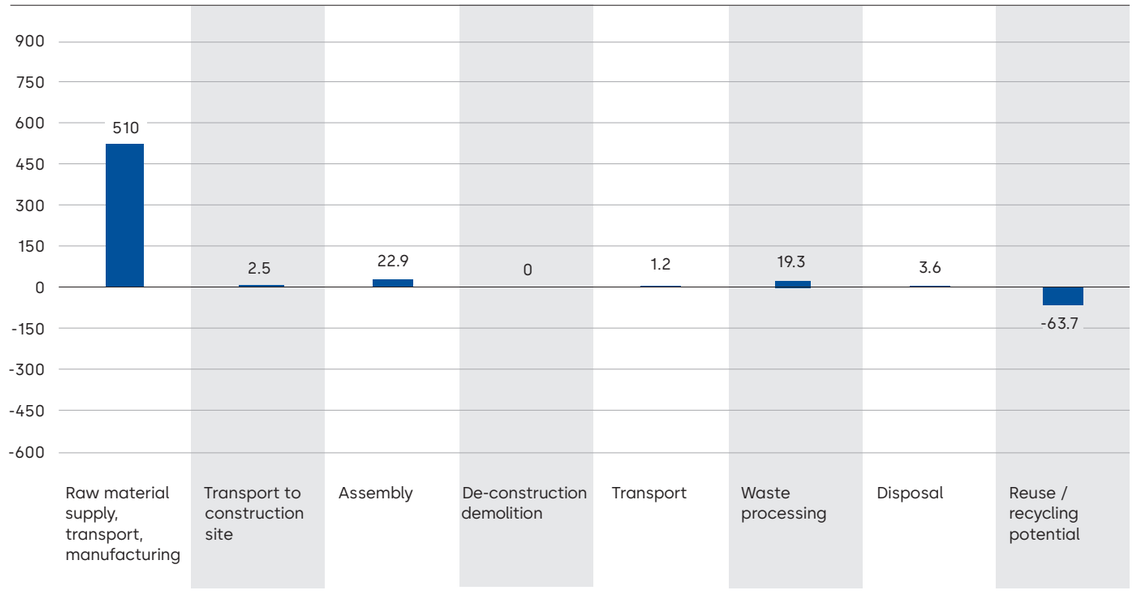
Description

The automatic sliding door has a slim, thermal divided profile system on basis of the ST FLEX profile. Therefore, heat insulation is achieved without compromising in the slim profile. ST FLEX Green makes considerable savings of the running energy and heating costs possible, as well as a reduction in CO_2 emissions for the entire use phase. This factsheet refers to a modular EPD, meaning that the automatic drive system used is covered in another EPD (ES Proline or ES 200). Therefore, no energy consumption is declared.

Total Global Warming Potential per life cycle stage (kg CO_2e)



FFT FLEX Green
Folding door system

Key Figures

Lifetime per unit: 10 years
Weight per unit: 223 kg
Electricity use per year: 225 kWh
Production location: Zusmarshausen, Germany

Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified	ISO 45001 certified		✔

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔			

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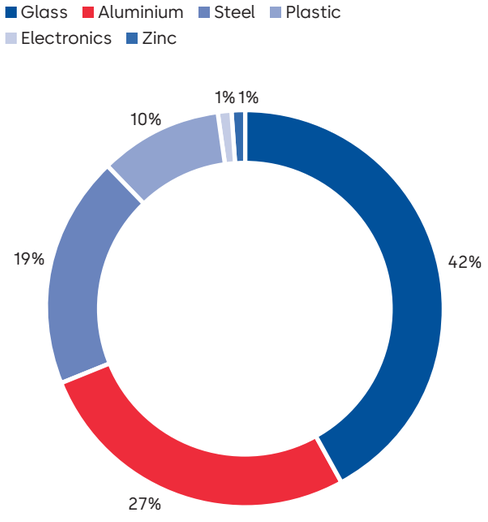
Description

The FFT FLEX Green is an automatic folding door with thermally separated, particularly slim profiles and a silent, dynamic drive system. It is particularly suitable where space is restricted. It permits opening widths of up to 2.4 metres and achieves therefore a maximum escape route width. In combination with ISO glass, the FFT FLEX Green ensures good thermal insulation of external doors.

Material used (%)



The GWP[1] across the life cycle is 405 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from Paris to Rome (2,200 km)

Total Global Warming Potential per life cycle stage (kg CO_2e)

[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

ESA 100-300
Automatic sliding door

Key Figures

Lifetime per unit: 10 years
Weight per unit: 209 kg
Electricity use per year: 189 kWh
Production location: Reamstown, USA

Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified			✔

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔	✔		

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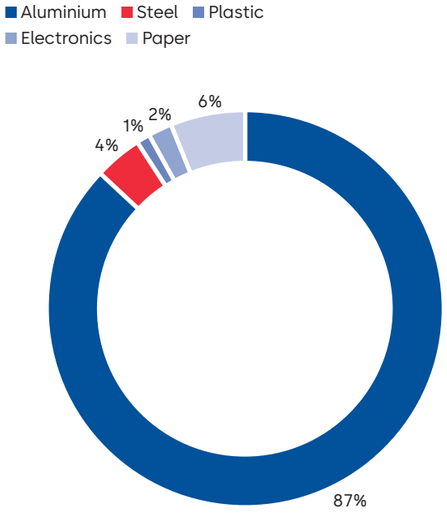
Description

ESA 200 Commercial Fixed Sidelite Door Extruded aluminium stile and rail door; for interior or exterior applications. Recommended for large opening applications. Reduced air infiltration allows handling of windy conditions. Egress capacity comparable to standard swing doors.

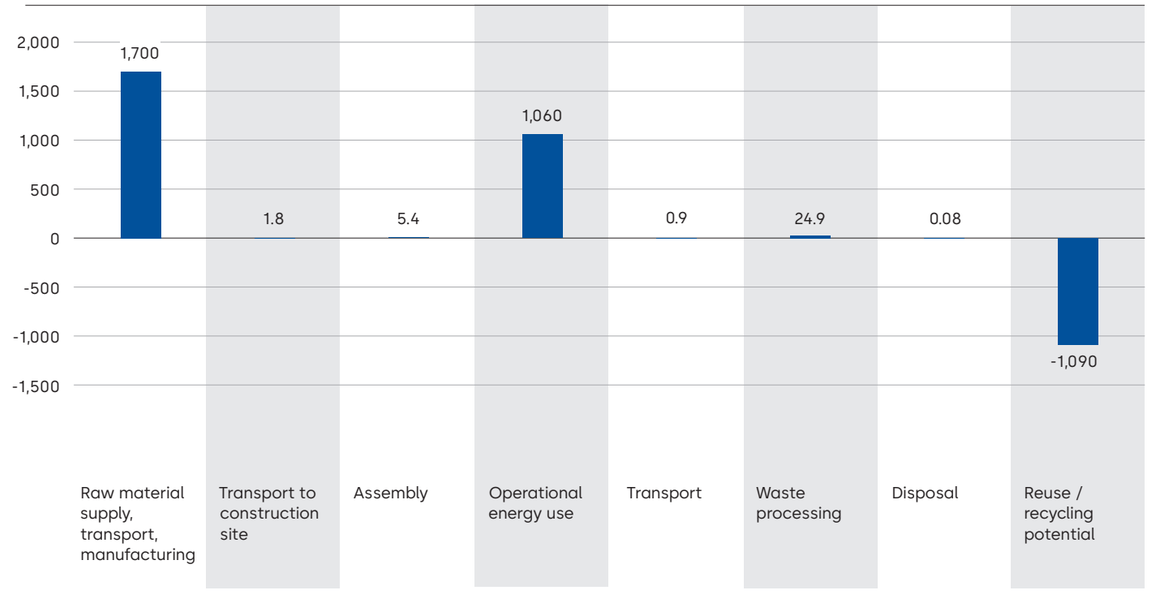
Material used (%)



The GWP[1] across the life cycle is 1,703 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from New York to Dublin (10,200 km)

Total Global Warming Potential per life cycle stage (kg CO_2e)



[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

ESA 400
Automatic sliding door

Key Figures

Lifetime per unit: 10 years
Weight per unit: 218 kg
Electricity use per year: 189 kWh
Production location: Reamstown, USA

Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified			✔

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔	✔		

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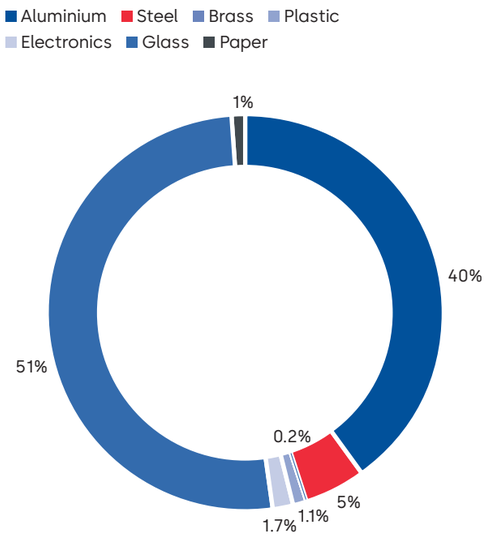
Description

The ESA 400 Fine Frame Automatic Sliding Door is elegant and upscale; perfect marriage of beauty and functionality. Recommended for standard openings for office and apartment building applications. Full breakout provides enhanced egress capacity.

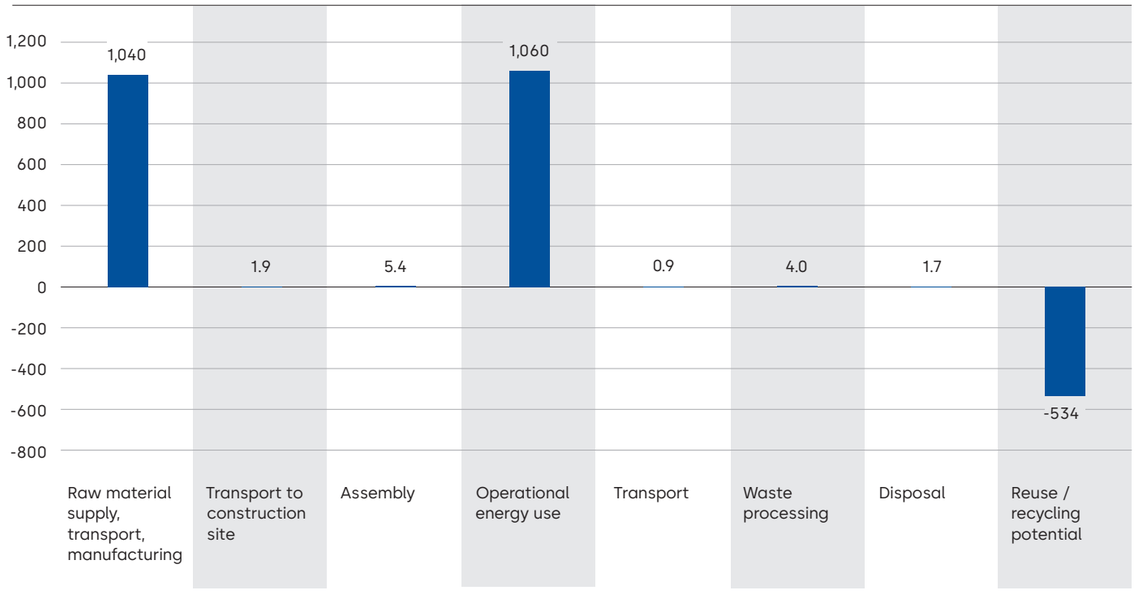
Material used (%)



The GWP[1] across the life cycle is 1,580 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from Tokyo to Bangkok (9,200 km)

Total Global Warming Potential per life cycle stage (kg CO_2e)



[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

ESA 500
Automatic sliding door

Key Figures

Lifetime per unit: 10 years
Weight per unit: 134 kg
Electricity use per year: 189 kWh
Production location: Reamstown, USA

Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified			✔

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔	✔		

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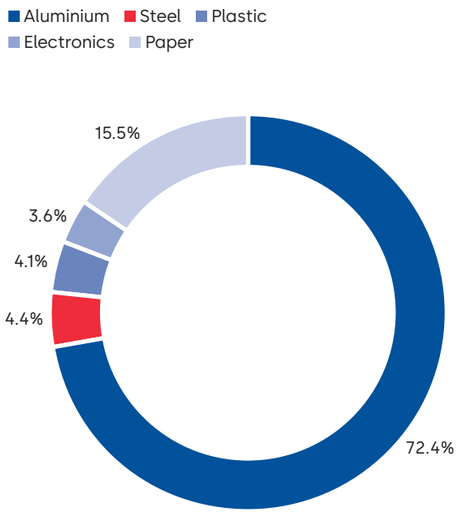
Description

The ESA 500 All Glass Automatic Sliding Door is perfect for creating a glass look for interior applications. The ESA 500 sliding door is a superior choice for interior openings. The door solution is also recommended for exterior applications in temperate climates. Suitable for larger openings with extended width sidelites.

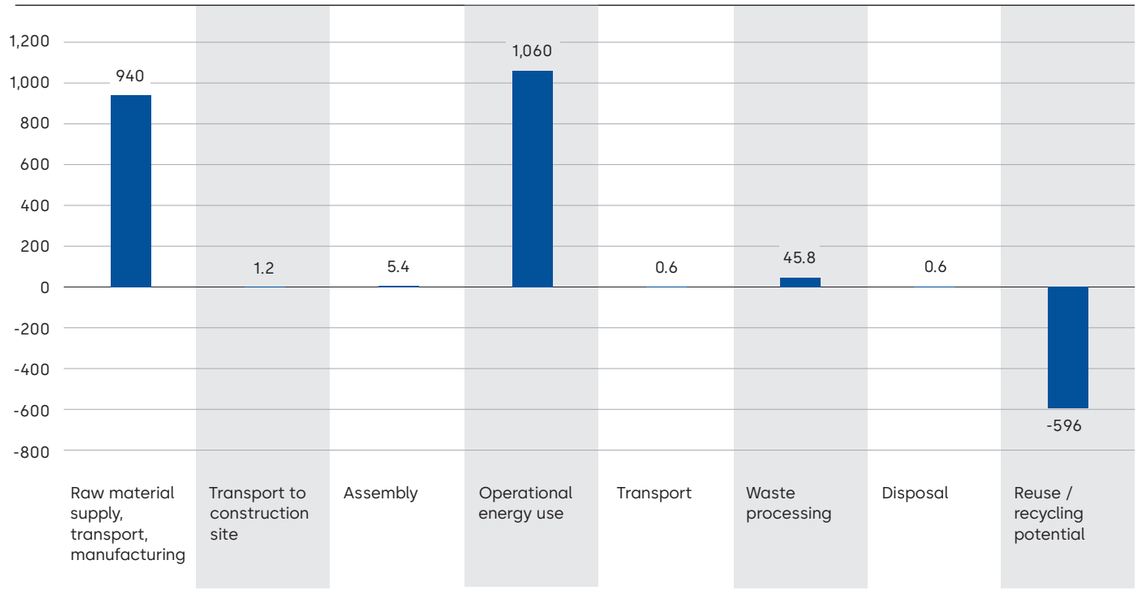
Material used (%)



The GWP[1] across the life cycle is 1,457 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from Quebec to Costa Rica (8,500 km)

Total Global Warming Potential per life cycle stage (kg CO_2e)



[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

KTV A
Automatic revolving door

Key Figures

Lifetime per unit: 20 years
Weight per unit: 925 kg
Electricity use per year: 177 kWh
Production location: Sofia, Bulgaria

Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified			

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔	✔	✔	✔

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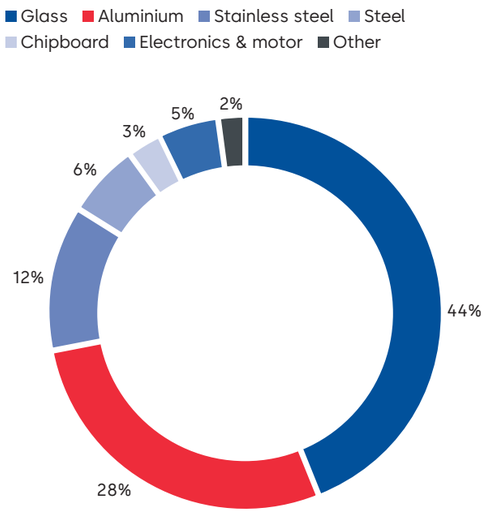
Description

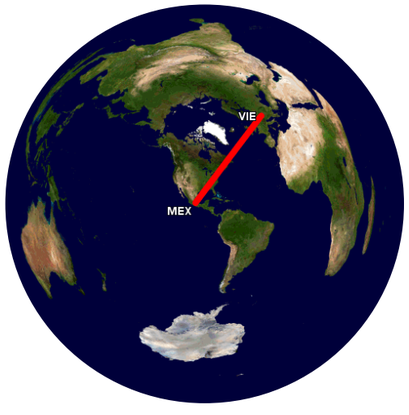
KTV A revolving doors hold back noise, dust and dirt, reliably protect people in the vicinity of the entrances from drafts, and help to keep heating costs down. KTV A doors are exceptionally versatile. Any inside diameter of the door can be supplied from 2000 – 3800 mm.

Material used (%)

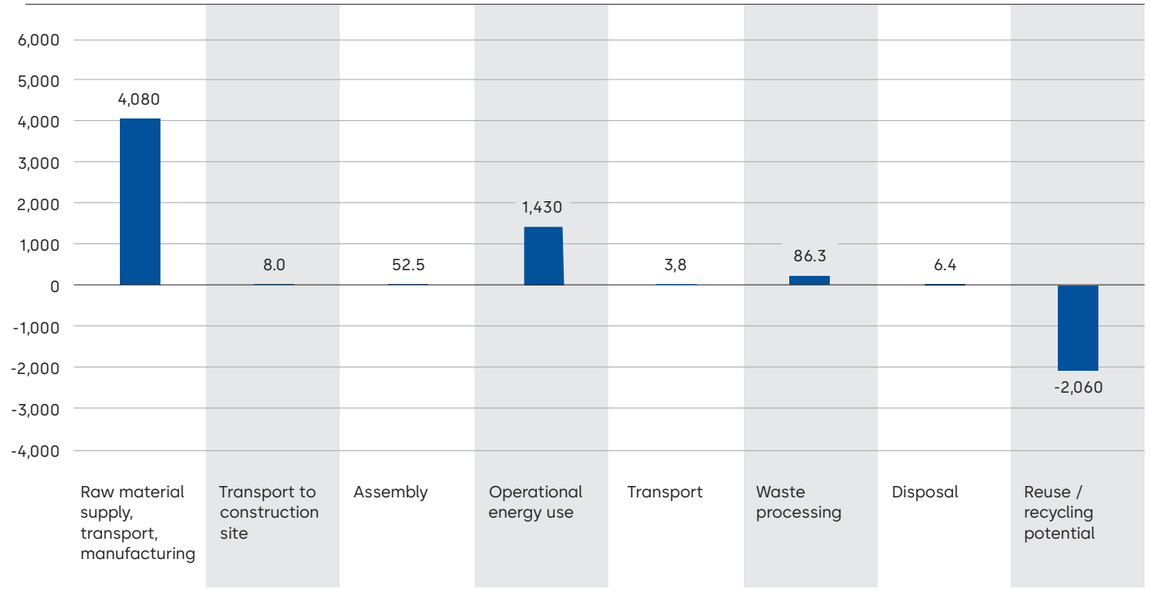


The GWP[1] across the life cycle is 3,607 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from Mexico city to Hanoi (20,400 km)



Total Global Warming Potential per life cycle stage (kg CO_2e)



[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

KTV M
Manual revolving door

Key Figures

Lifetime per unit: 20 years
Weight per unit: 642 kg
Production location: Sofia, Bulgaria

Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified			

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔	✔	✔	✔

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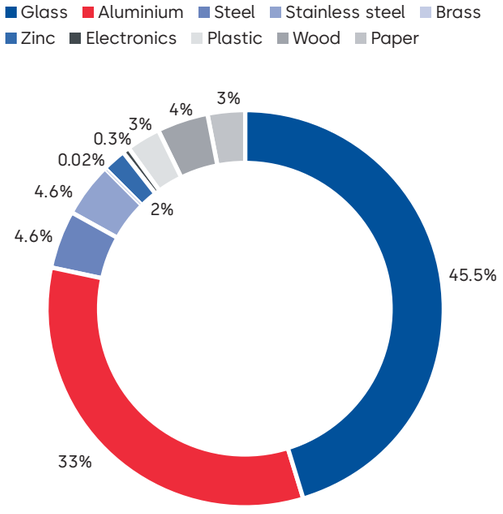
Description

The KTV revolving door range is designed for installation in entrance areas where interior environmental control coupled with elegant aesthetics are desired. dormakaba KTV revolving doors hold back noise, dust and dirt, reliably protect employees near the entrances from drafts, and help to keep the heating costs down.

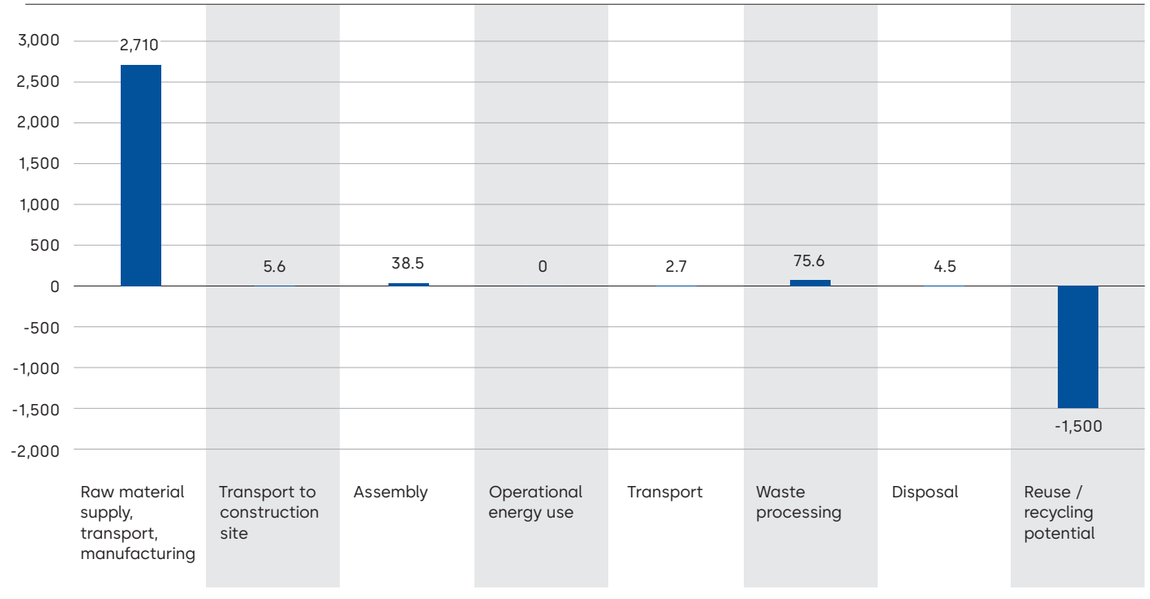
Material used (%)



The GWP[1] across the life cycle is 1,337 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from Buenos Aires to Quito (8,700 km)

Total Global Warming Potential per life cycle stage (kg CO_2e)



[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

KTV Atrium Flex
Automatic revolving door

Key Figures

Lifetime per unit: 20 years
Weight per unit: 1616 kg
Electricity use per year: 177 kWh
Production location: Sofia, Bulgaria

Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified			

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔	✔	✔	✔

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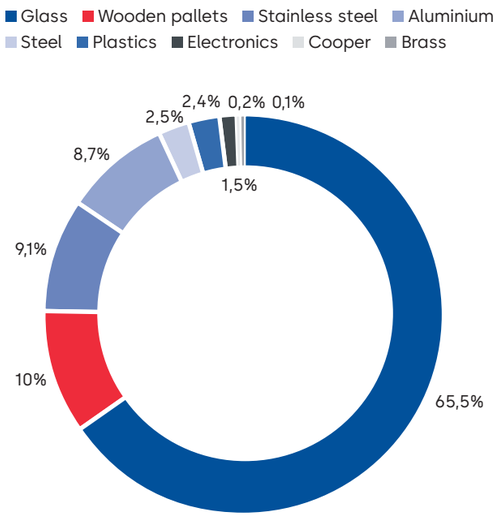
Description

The KTV Atrium Flex door range is a breakthrough in design with technology: The revolving door is driven by an electromagnetic direct drive - the dormakaba FLEX Direct Drive technology complements the design intent of modern architecture. It is unique, elegant and leaves an impression that is lasting and timeless.

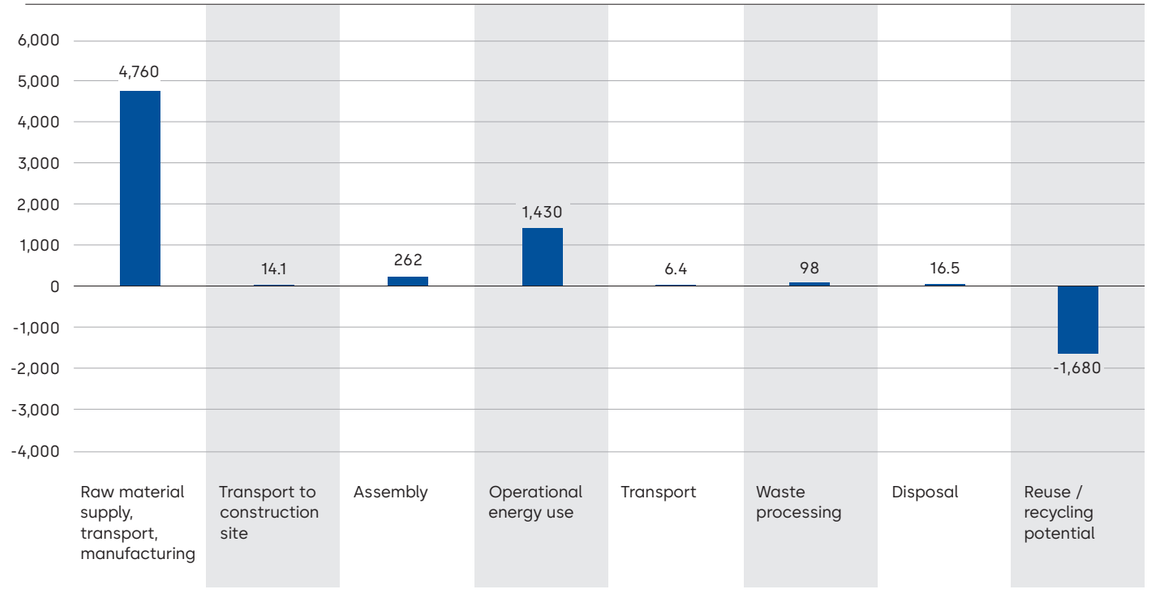
Material used (%)



The GWP[1] across the life cycle is 4,907 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from Mumbai to Sao Paulo (27,500 km)

Total Global Warming Potential per life cycle stage (kg CO_2e)



[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

ARGUS 40
Sensor barrier

Key Figures

Lifetime per unit: 20 years
Weight per unit: 94 kg
Electricity use per year: 170 kWh
Production location: Bühl, Germany

Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified	ISO 45001 certified	ISO 50001 certified	✔

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔	✔	✔	✔

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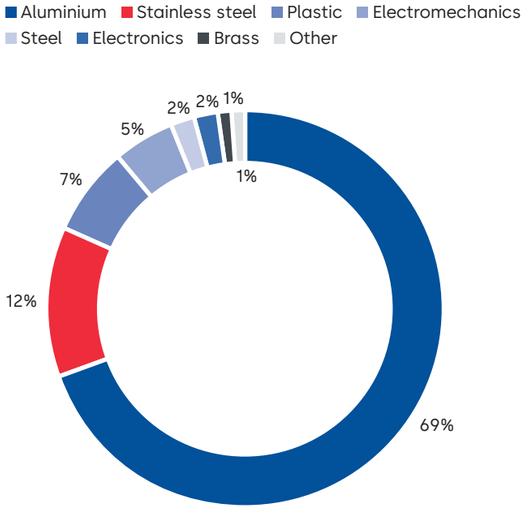
Description

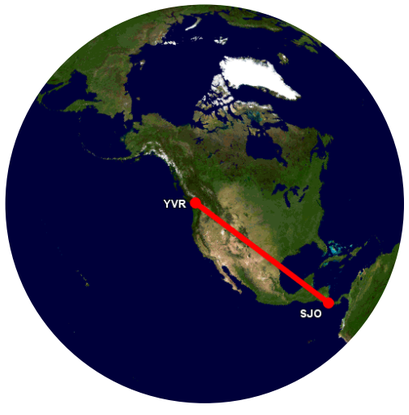
With a length of just 1,200 mm, ARGUS 40 is a high-quality sensor barrier that can be used even when space is limited. It impresses with its fine materials and functional basic equipment. It meets normal safety requirements without compromise.

Material used (%)

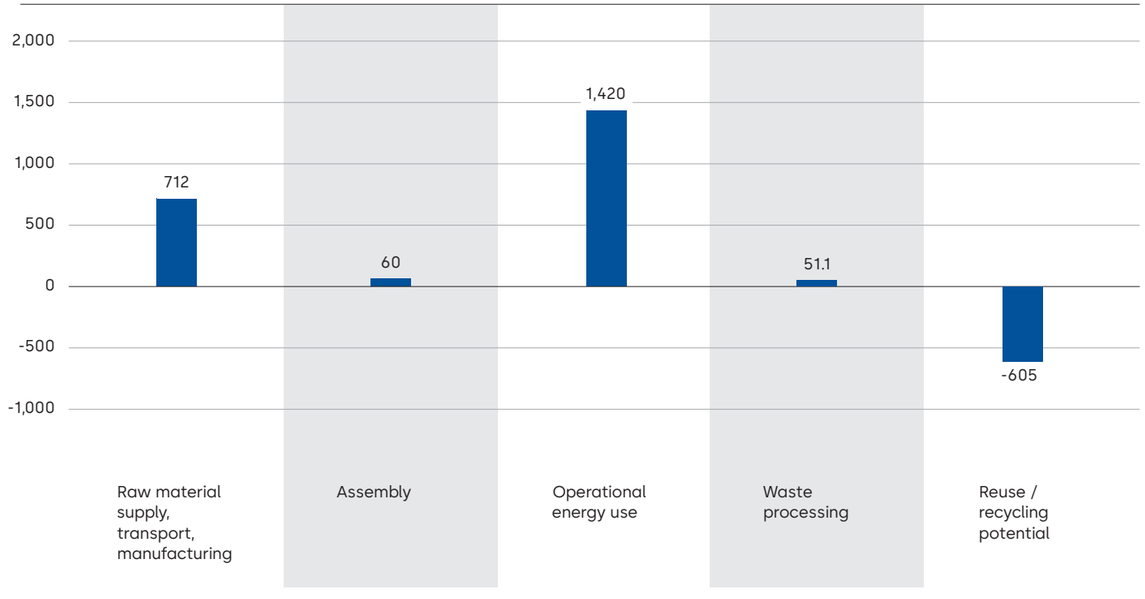


The GWP[1] across the life cycle is 1,638 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from Vancouver to Costa Rica (11,000 km)



Total Global Warming Potential per life cycle stage (kg CO_2e)



[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

ARGUS AIR
Sensor barriers

Key Figures

Lifetime per unit: 10 years
Weight per unit: 256 kg
Electricity use per year: 571 kWh
Production location: Bühl, Germany

Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified	ISO 45001 certified		✔

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔	✔		✔

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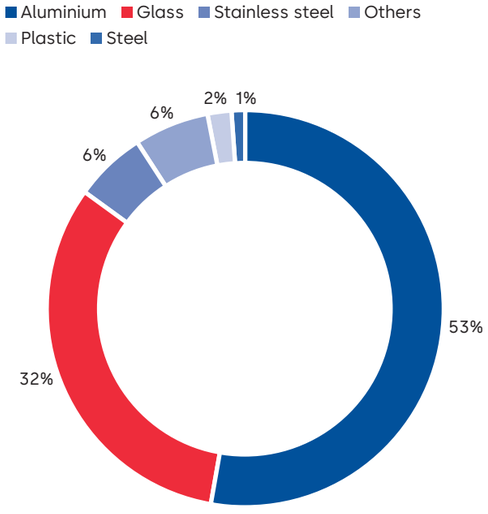
Description

eGates Argus Air for fast, safe passenger flow at airports. ARGUS AIR supports passengers and staff during the entire process, from entering the airport to the aircraft. The sensor barriers with their narrow and short design ensure a fast flow of passengers at the airports and smooth, comfortable processes.

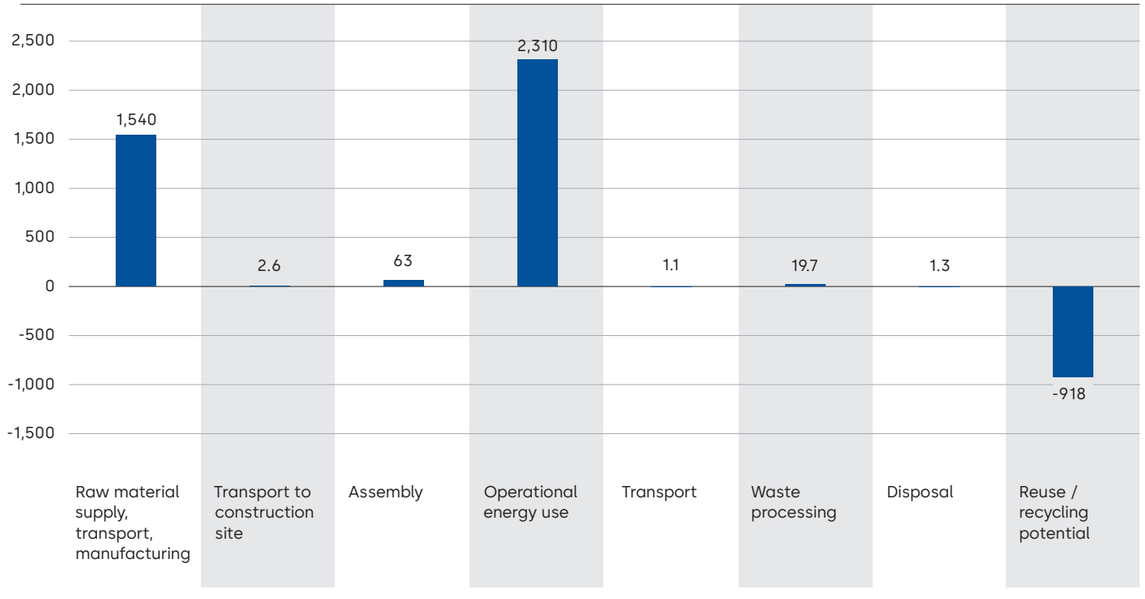
Material used (%)



The GWP[1] across the life cycle is 3,020 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from Las Vegas to London (16,900 km)

Total Global Warming Potential per life cycle stage (kg CO_2e)



[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

ARGUS V60
Sensor barrier

Key Figures

Lifetime per unit: 15 years
Weight per unit: 273 kg
Electricity use per year: 154 kWh
Production location: Bühl, Germany

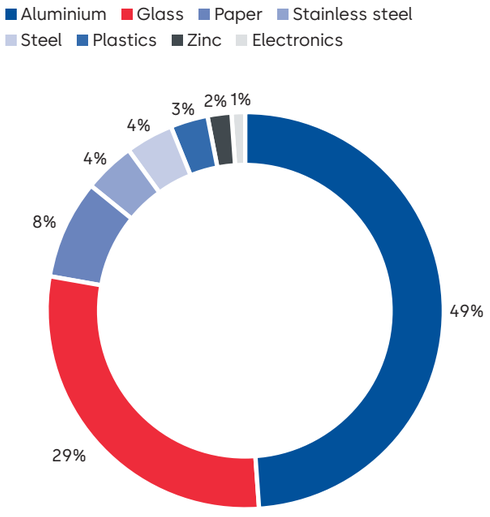
Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified	ISO 45001 certified	ISO 50001 certified	✔

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔	✔		✔

Material used (%)



The GWP[1] across the life cycle is 1,354 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from Buenos Aires to Quito (8,700 km)

[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

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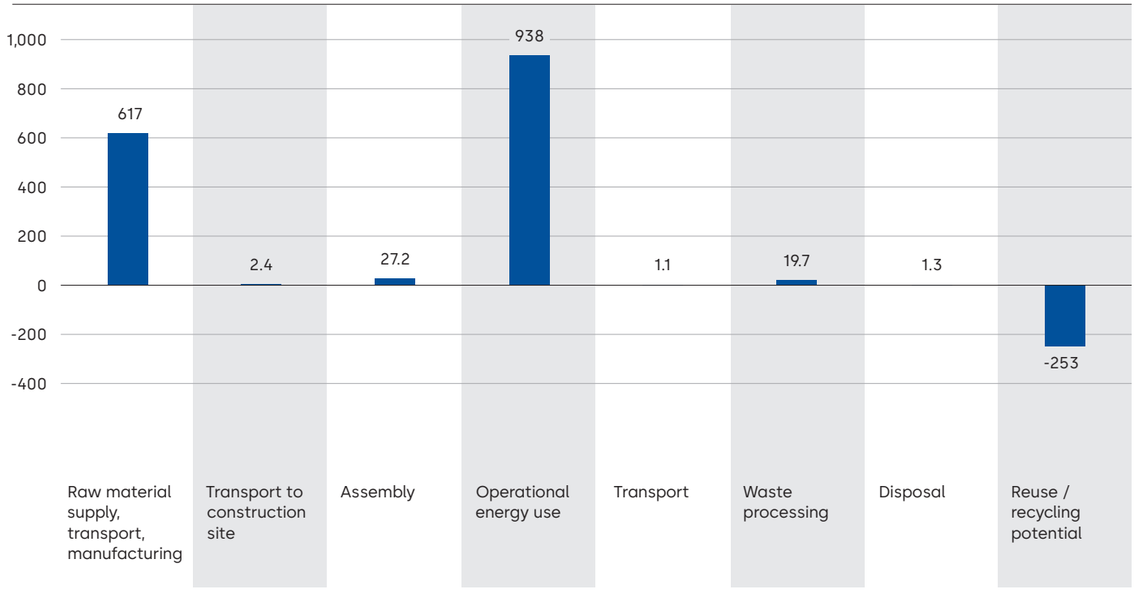
Description

ARGUS V60 sensor barriers are particularly compact and strikingly elegant. Despite a housing depth of only 240 mm, the ARGUS V60 is a full-performance sensor barrier ideal for use where space is limited. The reader units can be installed the same way as other versions of the Argus product range. The Argus sensor barriers are available in four versions; the Argus 40 with a length of 1,200 mm, Argus 60 at 1,600 mm, Argus 80 at 1,660 mm and the new Argus V60, particularly compact at only 240mm, for use in areas with constrained space requirements.

Total Global Warming Potential per life cycle stage (kg CO_2e)



Geryon
Security revolving door

Key Figures

Lifetime per unit: 20 years
Weight per unit: 459 kg
Electricity use per year: 131 kWh
Production location: Bühl, Germany

Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified	ISO 45001 certified		✔

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔	✔		

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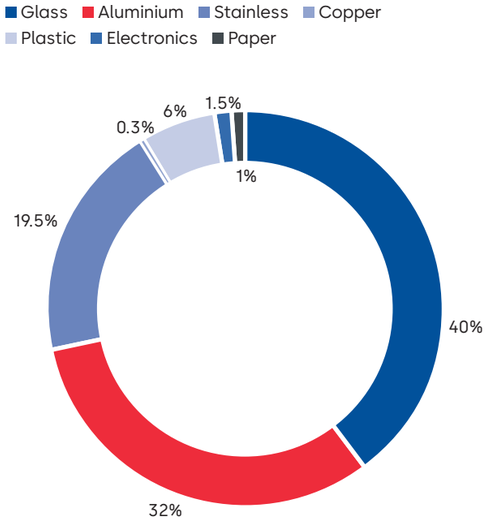
Description

Owing to the high transparency grade of the glass elements and a wide variety of colours for the metal parts, all models elegantly blend in with their surroundings. A sophisticated sensor system in compliance with the latest standards prevents users from being injured.

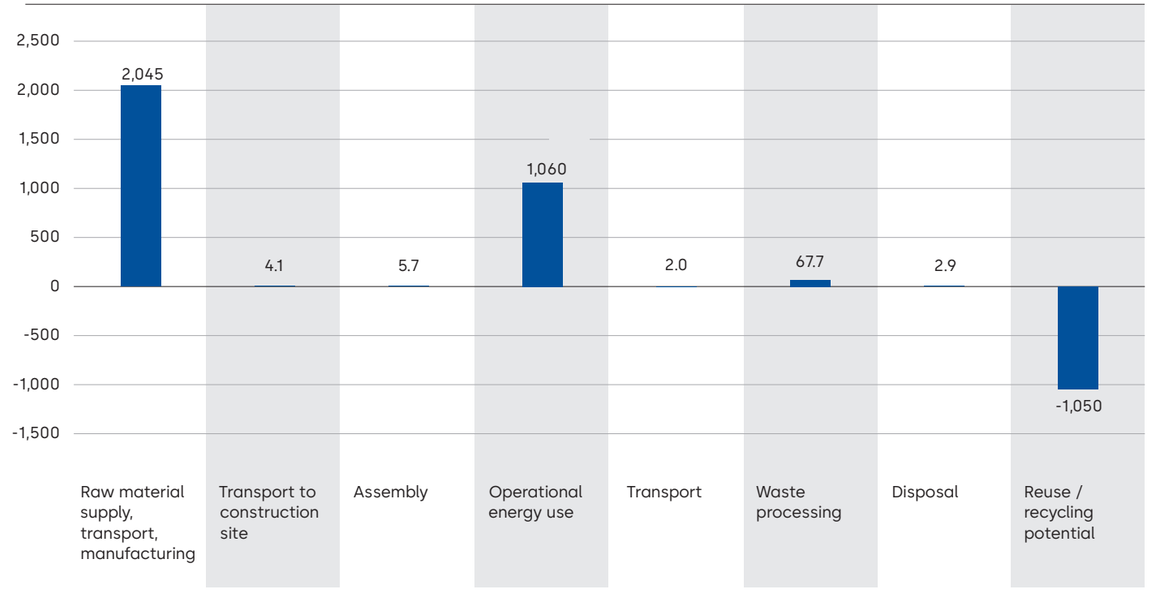
Material used (%)



The GWP[1] across the life cycle is 2,137 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from Montreal to Berlin (12,100 km)

Total Global Warming Potential per life cycle stage (kg CO_2e)



[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

Charon 20
Half height swing doors

Key Figures

Lifetime per unit: 15 years
Weight per unit: 26 kg
Electricity use per year: 32 kWh
Production location: Bühl, Germany

Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified	ISO 45001 certified		✔

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔			

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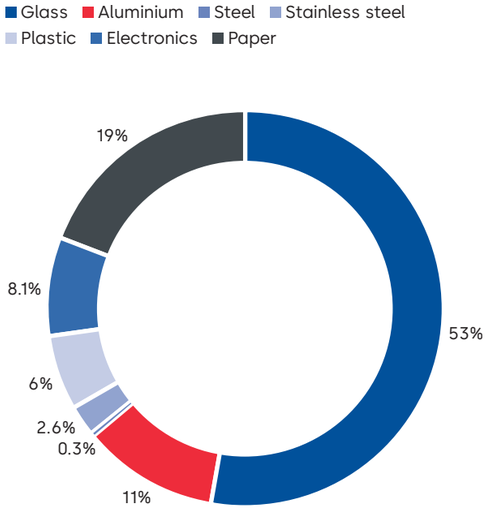
Description

Opening on demand with the Charon 20 swing door. The Charon swing door can be installed directly on the housing of the Argus sensor barrier. It provides extended passage width with a clear opening of up to 900 mm to accommodate wheelchairs or material trolleys. The shape, surface and colour of the Charon 20 swing door precisely matches that of the sensor barrier to which it is bolted.

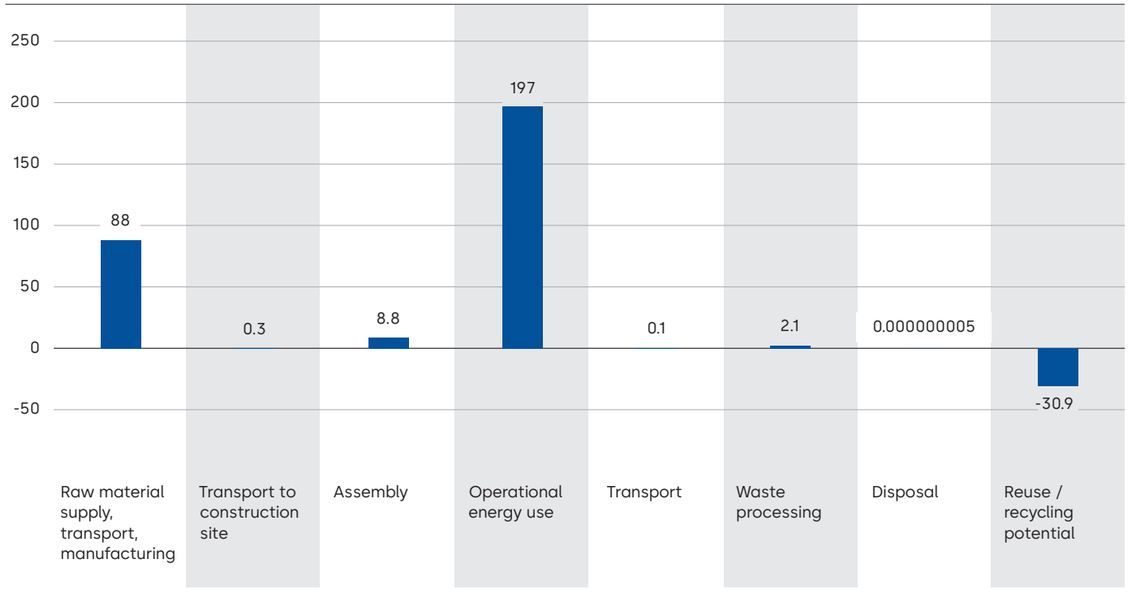
Material used (%)



The GWP[1] across the life cycle is 265 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from London to Amsterdam (700 km)

Total Global Warming Potential per life cycle stage (kg CO_2e)



[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

Kentaur
Full height turnstiles

Key Figures

Lifetime per unit: 15 years
Weight per unit: 306 kg
Electricity use per year: 93 kWh
Production location: Bühl, Germany

Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified	ISO 45001 certified		✔

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔	✔		✔

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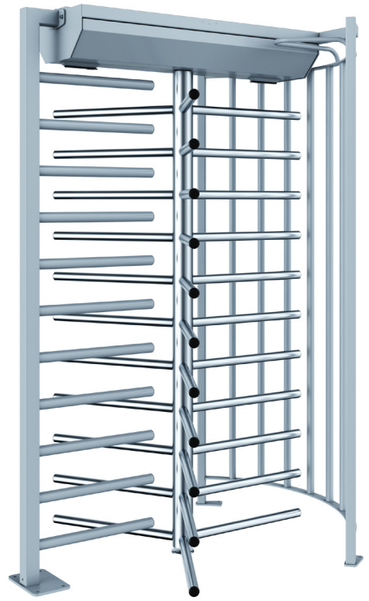
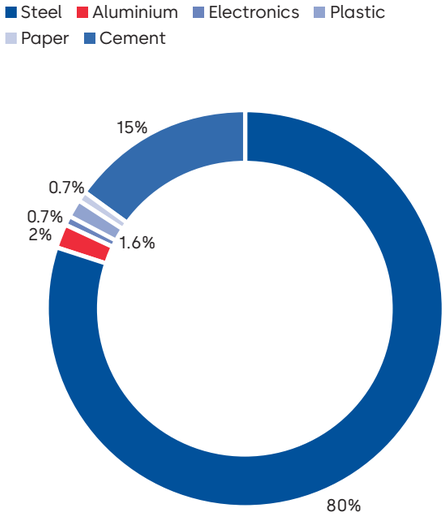


Description

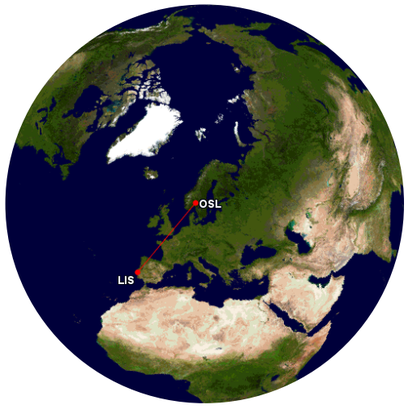
The robust Kentaur Full-Height Turnstiles are especially suitable for recuring the perimeter of buildings and property. Versatile versions enable individual combinations of multiple units to be put together. The end point locking system developed by dormakaba prevents people from being trapped in the gates.

Material used (%)

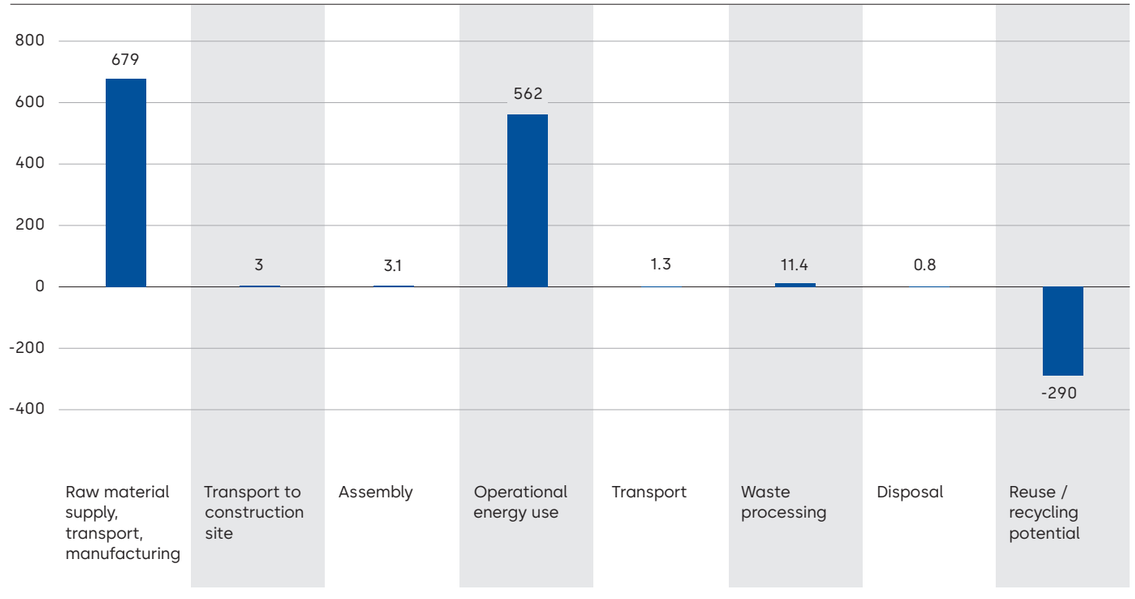


The GWP[1] across the life cycle is 970 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from Oslo to Lisbon (5,500 km)



Total Global Warming Potential per life cycle stage (kg CO_2e)



[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

Crane AL 1000 / 2000 / 3000
Automatic revolving door

Key Figures

Lifetime per unit: 20 years
Weight per unit: 896 kg
Electricity use per year: 1964.5 kWh
Production location: Reamstown, USA

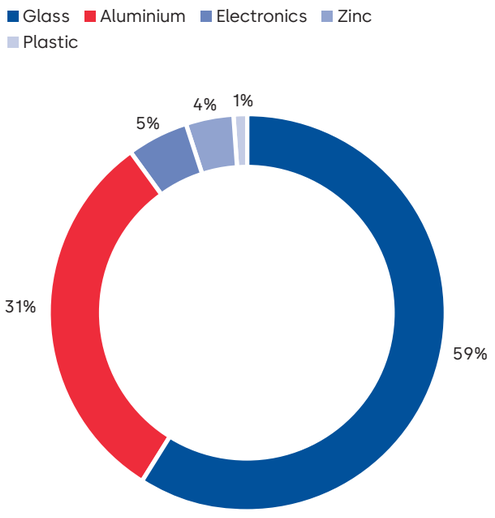
Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified			✔

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔	✔		✔

Material used (%)



The GWP[1] across the life cycle is 24,901 kg CO_2e

This is similar to the CO_2 produced from three roundtrip flights from New York to Singapore (92,100 km)

[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

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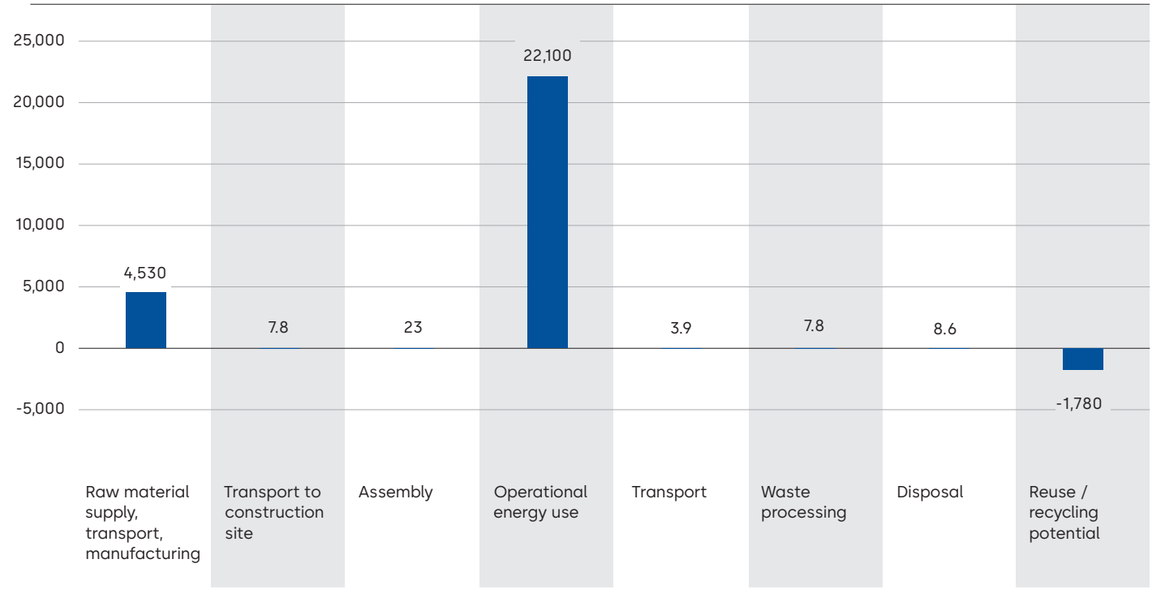
Description

The Crane Automatic Revolving Door 1000 / 2000 / 3000 is designed as a building's primary entrance. A range of available finishes allows the integration into its surrounding décor and architecture. The technical and safety features ensure smooth and safe traffic flow. The Crane 1000 / 2000 / 3000 doors feature the same automatic drive system.

Total Global Warming Potential per life cycle stage (kg CO_2e)



Crane AL 1000 / 2000 / 3000
Manual revolving door

Key Figures

Lifetime per unit: 30 years
Weight per unit: 591 kg
Production location: Reamstown, USA

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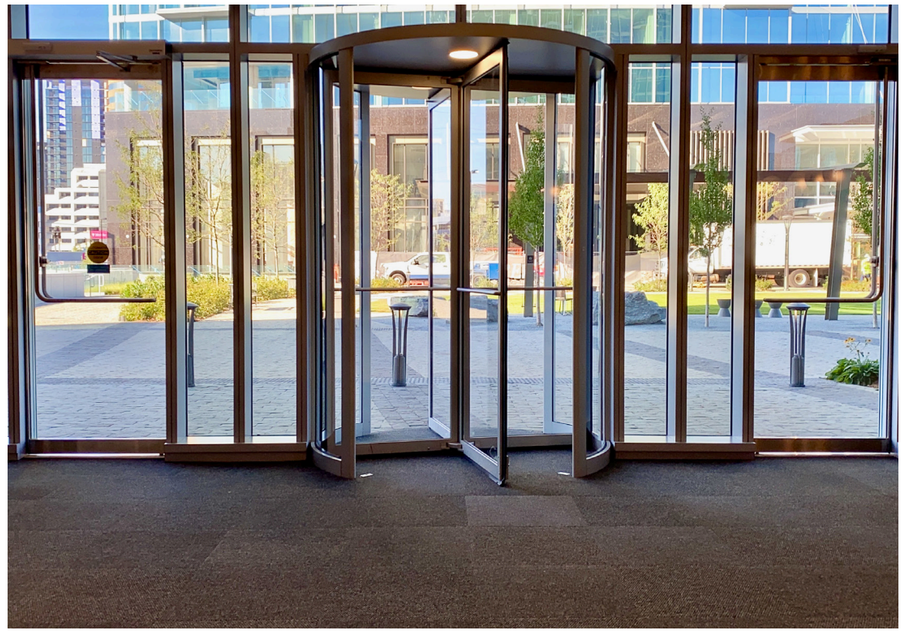


Description

The Crane AL 1000 / 2000 / 3000 Manual Revolving Doors allow both greater traffic volume and quicker traffic flow compared to automatic or manual swing doors. Crane manual revolving doors are customizable revolving doors. They enable a continuous flow of traffic, especially in entrance areas, and at the same time block the ingress of air from outside. A wide selection of finishes is available to meet project needs.

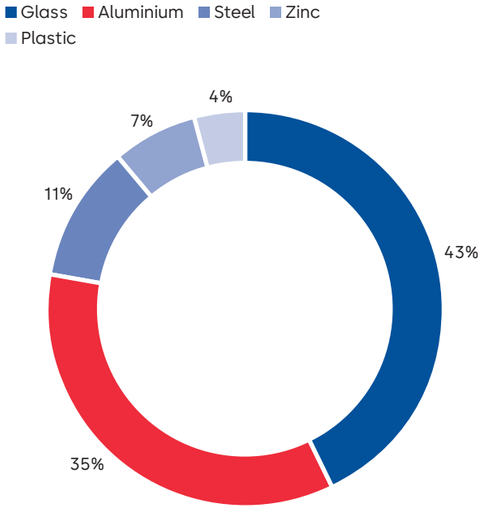
Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified			✔

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔	✔		✔

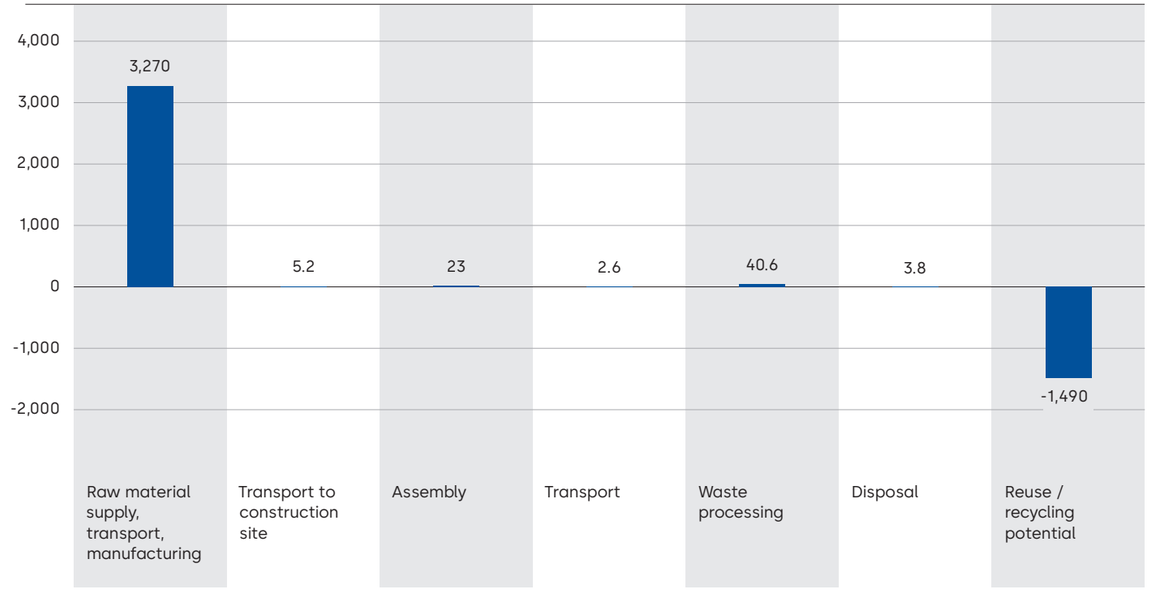
Material used (%)



The GWP[1] across the life cycle is 1,855 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from Atlanta to Iceland (10,700 km)

Total Global Warming Potential per life cycle stage (kg CO_2e)



[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

Crane SS 2000 / 3000
Manual revolving door

Key Figures

Lifetime per unit: 30 years
Weight per unit: 684 kg
Production location: Reamstown, USA

Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified			✔

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔	✔		✔

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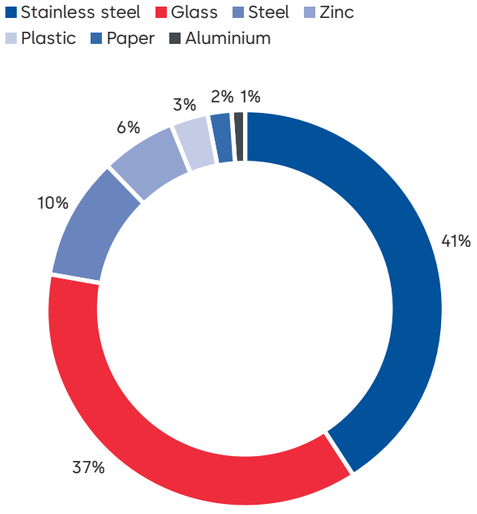
Description

The Crane Manual Revolving Doors SS 2000 / 3000 allow both greater traffic volume and quicker traffic flow. Crane manual doors are customizable revolving doors. They enable a continuous flow of traffic, especially in entrance areas, and at the same time block the ingress of air. A wide selection of finishes is available to meet projects needs.

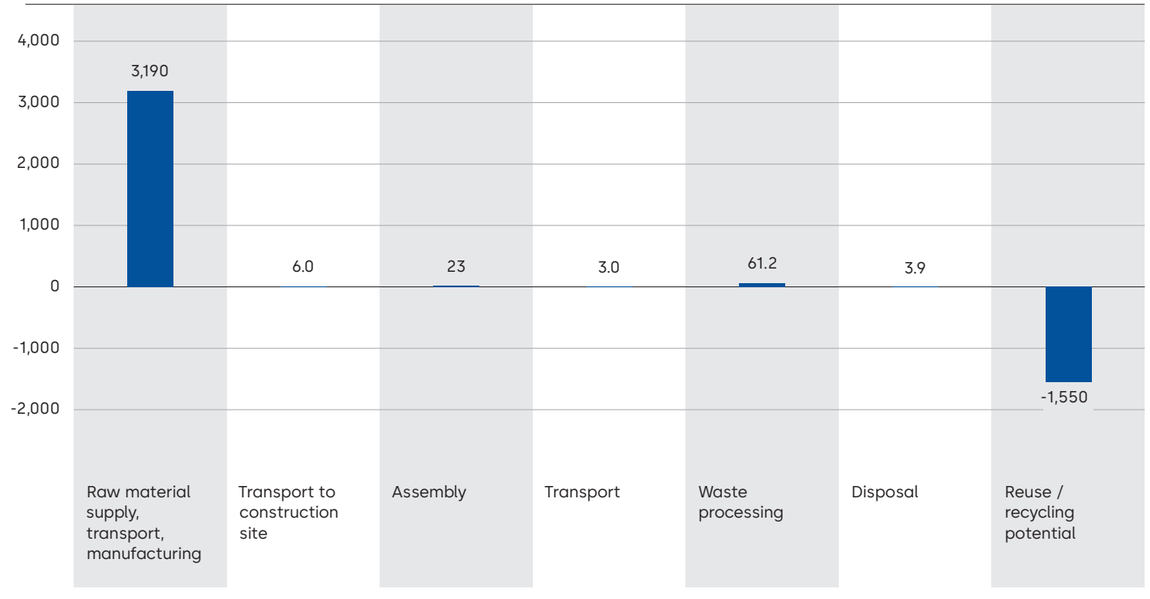
Material used (%)



The GWP[1] across the life cycle is 1,737 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from New York to Dublin (10,200 km)

Total Global Warming Potential per life cycle stage (kg CO_2e)



[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

SU5000
Optical turnstile

Key Figures

Lifetime per unit: 20 years
Weight per unit: 166,5 kg
Electricity use per year: 183 kWh
Production location: Chino, USA

Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✔	✔		

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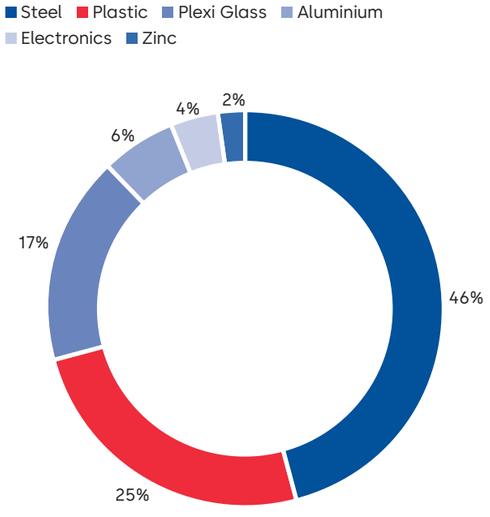
Description

The SU5000 provides bi-directional access control and other operational and passage modes. In controlled passage mode, barriers are securely locked deterring unauthorized entry. Upon receipt of a valid card signal from an access control system, the motorized barriers of the turnstile open away from the user, and integrated sensors allow a single user to pass through the turnstile in the requested direction.

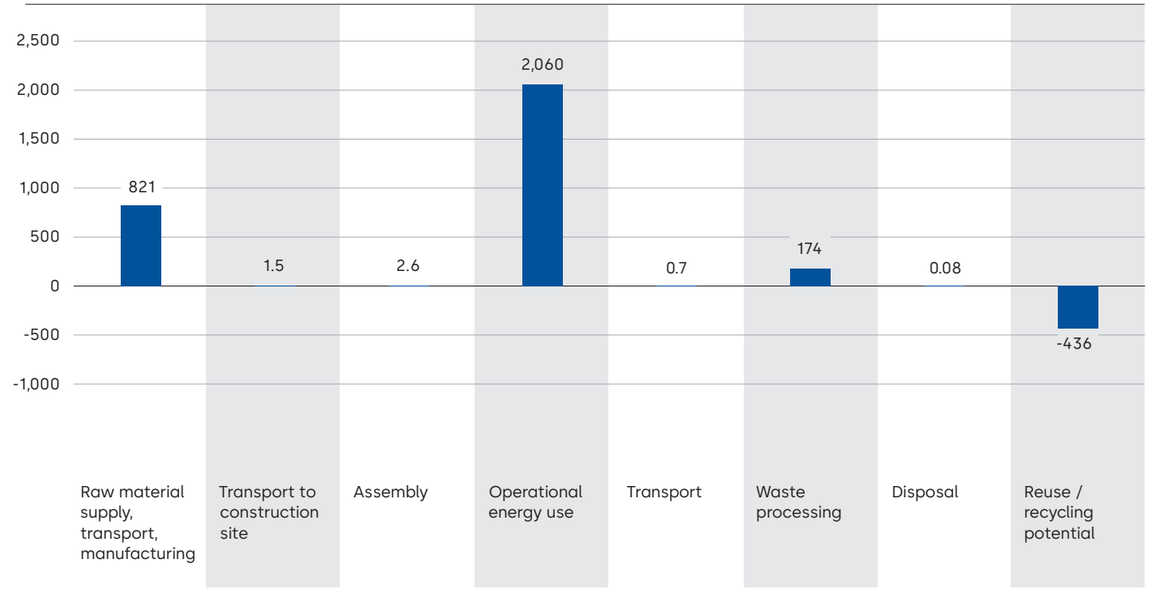
Material used (%)



The GWP[1] across the life cycle is 2,624 kg CO_2e

This is similar to the CO_2 produced from a roundtrip flight from London to Cairo (7,100 km)

Total Global Warming Potential per life cycle stage (kg CO_2e)



[1] Carbon dioxide equivalent (CO_2e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.

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dormakaba is listed on the SIX Swiss Exchange and is headquartered in Rümlang near Zurich (Switzerland). It generated a turnover of CHF 2.8 billion in financial year 2021/22.

SIX Swiss Exchange: DOKA

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