

# Product Verification

## Sustainability

Self declared according to LEED Building Design and Construction V4 (2015)

### ■ Product Systems

#### Automatic linear sliding door families

##### GEZE GmbH

You want to save space, but not at the cost of a comfortable atmosphere. You want to offer barrier-free access to all users, but not at the cost of a lack of safety. We have the ideal solution ready for you with our automatic sliding doors. Be it for office buildings, airports, hotels or schools. And you can rest assured where safety is concerned: All GEZE automatic door systems and safety sensors meet the European EN 16005 standard.

The GEZE product portfolio Automatic Sliding Doors comprises of 3 product lines and their variants:

- ECdrive T2
- Slimdrive SL NT
- Powerdrive PL

##### PRODUCT FEATURES

- The variants in the Slimdrive drive series with an overall height of only 7 centimetres blend perfectly into any building's architecture and offer a wide range of application possibilities
- The ECdrive T2 drives are economical and extremely reliable in their functionality
- The products from the Powerdrive series are real power packs and capable of moving heavy doors conveniently and safely

##### ASSESSMENT\*

The assessment is conducted with the following representative configuration:

- ECdrive T2 - bi-parting
- Opening width = 2000 mm
- Opening height = 2200 mm

\* Motors and electronics are not part of the assessment.



## Product Assessment

### Materials and Resources

Criteria	Product Verification
MR Credit Life-Cycle Impact Reduction - Option 4: Whole-Building Life-Cycle Assessment	EPD available: No
MR Credit BPDO - Environmental Product Declaration - Option 1: Environmental Product Declaration	0 % weighted value
MR Credit BPDO - Environmental Product Declaration - Option 2: Multi-Attribute Optimization	0 % weighted value
MR Credit BPDO - Sourcing of Raw Materials - Option 1: Raw Material Source and Extraction Reporting	50 % weighted value
MR Credit BPDO - Sourcing of Raw Materials - Option 2: Leadership Extraction Practices	2.02 % weighted value
MR Credit BPDO - Material Ingredients - Option 1: Material Ingredient Reporting	0 % weighted value
MR Credit BPDO - Material Ingredients - Option 2: Material Ingredient Optimization	0 % weighted value
MR Credit BPDO - Material Ingredients - Option 3: Product Manufacturer Supply Chain Optimization	0 % weighted value
Location Valuation Factor	No

Legend: yes = Product contributes toward satisfying the credit, N/A = Product not relevant in the credit, no = Credit requirements are not proven

## Summary

### The product contributes to the certification:

- The product has an Environmental Product Declaration (EPD), which can be used to calculate the building life cycle assessment under LEED MR Building Life-Cycle Impact Redcutsions - Option 4: Whole-Building Life-Cycle Assessment: EPD available: No
- Weighted Product Value on Credit BPDO - Environmental Product Declaration - Option 1: Environmental Product Declaration: 0 % weighted value
- Weighted Product Value on Credit BPDO - Environmental Product Declaration - Option 2: Multi-Attribute Optimization: 0 % weighted value
- Weighted Product Value on Credit BPDO - Sourcing of Raw Materials - Option 1: Raw Material Source and Extraction Reporting: 50 % weighted value
- Weighted Product Value on Credit BPDO - Sourcing of Raw Materials - Option 2: Leadership Extraction Practices: 2.02 % weighted value

- Weighted Product Value on Credit BPDO - Material Ingredients - Option 1: Material Ingredient Reporting: 0 % weighted value
- Weighted Product Value on Credit BPDO - Material Ingredients - Option 2: Material Ingredient Optimization: 0 % weighted value
- Weighted Product Value on Credit BPDO - Material Ingredients - Option 3: Supply Chain Optimization: 0 % weighted value
- Information for Location Valuation Factor is available: No

## ■ Product Properties

### Manufacturer:

Environmental Management System according ISO 14001: Yes

Are reverse logistics in place for the product? No

### Ingredients:

## ■ Product Components

Name	Amount	Material type / Function	DfD	Total Weight	Specific Weight	Portion (%)
Steel galvanized - sliding doors	2.400		N/A	2.400	1 kg / kg	8.08 %
Plastics - sliding doors	0.830		N/A	0.830	1 kg / kg	2.79 %
copper - sliding doors	1.070		N/A	1.070	1 kg / kg	3.60 %
aluminium - sliding doors	24.590		N/A	24.590	1 kg / kg	82.74 %
Zinc die-cast - sliding doors	0.550		N/A	0.550	1 kg / kg	1.85 %
Powder-coating	0.280		N/A	0.280	1 kg / kg	0.94 %

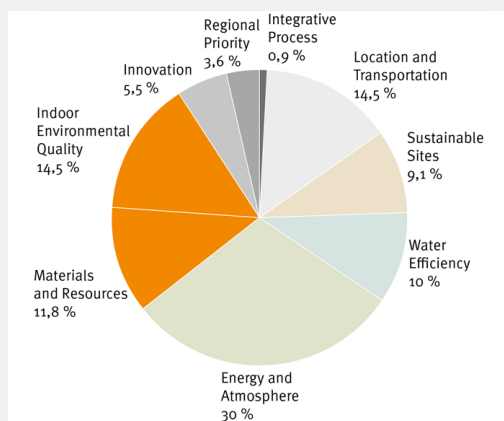
## System description

This verification is the evaluation and ranking of products in terms of the certification system LEED version 4 (Building Design and Construction). The USGBC (U.S. Green Building Council) generally does not certify products. Therefore the project team or the manufacturer is responsible to declare compliance with respect to the LEED criteria. Notice: This verification is generated by the Assessment Service of BMS. The distribution or publication by third parties is not permitted. The data sheet is not a LEED certification document. The information is based on the manufacturer's specifications. Despite a diligent treatment of all information BMS can not make any warranties about the completeness, reliability and accuracy of this information. The requirements of LEED can be interpreted differently and depend on the project and scope of application. Therefore, BMS cannot accept any liability for the evaluation in terms of the LEED criteria. The user of the data sheet, the user / purchaser of the product and the consultant / planner, who is advising on this product has the duty to check the product for the intended application at their own responsibility. When a new version of this product verification is produced, the previous version loses its validity.

Source: [www.usgbc.org](http://www.usgbc.org)

## System categories

### Category Weighting



### Category

### Category considered in product verification

Integrative Process (IP)	No
Location and Transportation (LT)	No
Sustainable Sites (SS)	No
Water Efficiency (WE)	No
Energy and Atmosphere (EA)	No
Materials and Resources (MR)	Yes
Indoor Environmental Quality (EQ)	Yes
Innovation (IN)	No
Regional Priority (RP)	No

Source: LEED v4 - New Construction

# Detailed Verification

Self declared according to LEED Building Design and Construction V4 (2015)

## Materials and Resources

### MR Credit Life-Cycle Impact Reduction - Option 4: Whole-Building Life-Cycle Assessment

The product has an Environmental Product Declaration (EPD), which can be used to calculate the building life cycle assessment under LEED MR Building Life-Cycle Impact Redcuts - Option 4: Whole-Building Life-Cycle Assessment:

Automatic linear sliding door families	EPD available: No
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An environmental product declaration exists for the product:

Automatic linear sliding door families	No
Steel galvanized - sliding doors	No
Plastics - sliding doors	No
aluminium - sliding doors	No
copper - sliding doors	No
Zinc die-cast - sliding doors	No
Powder-coating	No

### MR Credit BPDO - Environmental Product Declaration - Option 1: Environmental Product Declaration

Weighted Product Value on Credit BPDO - Environmental Product Declaration - Option 1: Environmental Product Declaration:

Automatic linear sliding door families	0 % weighted value
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An environmental product declaration exists for the product:

Automatic linear sliding door families	No
Steel galvanized - sliding doors	No
Plastics - sliding doors	No
aluminium - sliding doors	No
copper - sliding doors	No
Zinc die-cast - sliding doors	No
Powder-coating	No

■ MR Credit BPDO - Environmental Product Declaration - Option 2: Multi-Attribute Optimization

Weighted Product Value on Credit BPDO - Environmental Product Declaration - Option 2: Multi-Attribute Optimization:

Automatic linear sliding door families	0 % weighted value
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An environmental product declaration exists for the product:

Automatic linear sliding door families	No
Steel galvanized - sliding doors	No
Plastics - sliding doors	No
aluminium - sliding doors	No
copper - sliding doors	No
Zinc die-cast - sliding doors	No
Powder-coating	No

■ MR Credit BPDO - Sourcing of Raw Materials - Option 1: Raw Material Source and Extraction Reporting

Weighted Product Value on Credit BPDO - Sourcing of Raw Materials - Option 1: Raw Material Source and Extraction Reporting:

Automatic linear sliding door families	50 % weighted value
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There is a corporate sustainability reports (CSR) report from the manufacturer:

Automatic linear sliding door families	Yes
Steel galvanized - sliding doors	No
Plastics - sliding doors	No
aluminium - sliding doors	No
copper - sliding doors	No
Zinc die-cast - sliding doors	No
Powder-coating	No

**CSR-Report according:**

<b>Automatic linear sliding door families</b>	Self-declared report
Steel galvanized - sliding doors	No Information
Plastics - sliding doors	No Information
aluminium - sliding doors	No Information
copper - sliding doors	No Information
Zinc die-cast - sliding doors	No Information
Powder-coating	No Information

**MR Credit BPDO - Sourcing of Raw Materials - Option 2: Leadership Extraction Practices**
**Weighted Product Value on Credit BPDO - Sourcing of Raw Materials - Option 2: Leadership Extraction Practices:**

<b>Automatic linear sliding door families</b>	2.02 % weighted value
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**Extended producer responsibility**
**Content of materials for a closed-loop recycling or take-back programm in the entire product:**

<b>Automatic linear sliding door families</b>	0 %
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**Bio-based materials**
**Content of SAN-certified bio-based materials in the entire product:**

<b>Automatic linear sliding door families</b>	0 %
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**Wood products**
**Content of FSC-certified wood-based materials in the entire product:**

<b>Automatic linear sliding door families</b>	0 %
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**Materials reuse**
**Content of salvaged, refurbished, or reused products or materials in the entire product:**

<b>Automatic linear sliding door families</b>	0 %
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**Recycled content**
**Creditable recycled content according to LEED for the entire product:**

<b>Automatic linear sliding door families</b>	2.02 %
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**Postconsumer recycled content for the entire product:**

<b>Automatic linear sliding door families</b>	2.02 %
Steel galvanized - sliding doors	25 %
Plastics - sliding doors	0 %
aluminium - sliding doors	0 %
copper - sliding doors	0 %
Zinc die-cast - sliding doors	0 %
Powder-coating	0 %

Do you want to enter the recycled content for the entire product? Otherwise it will be automatically calculated from the components. If you do not have components for your product, we recommend that you enter the recycling percentage for the entire product here:

<b>Automatic linear sliding door families</b>	No
Steel galvanized - sliding doors	Yes
Plastics - sliding doors	Yes
aluminium - sliding doors	Yes
copper - sliding doors	Yes
Zinc die-cast - sliding doors	Yes
Powder-coating	Yes

**Postconsumer recycled content of product (creditable):**

<b>Automatic linear sliding door families</b>	No Information
Steel galvanized - sliding doors	25 %
Plastics - sliding doors	0 %
aluminium - sliding doors	0 %
copper - sliding doors	0 %
Zinc die-cast - sliding doors	0 %
Powder-coating	0 %



**Recycled content post-consumer:**

<b>Automatic linear sliding door families</b>	No Information
Steel galvanized - sliding doors	25 wt%
Plastics - sliding doors	0 wt%
aluminium - sliding doors	0 wt%
copper - sliding doors	0 wt%
Zinc die-cast - sliding doors	0 wt%
Powder-coating	0 wt%

**Postconsumer recycled content for steel according to LEED:**

<b>Automatic linear sliding door families</b>	No Information
Steel galvanized - sliding doors	0 %
Plastics - sliding doors	0 %
aluminium - sliding doors	0 %
copper - sliding doors	0 %
Zinc die-cast - sliding doors	0 %
Powder-coating	0 %

**The product is made of steel:**

<b>Automatic linear sliding door families</b>	Yes
Steel galvanized - sliding doors	Yes
Plastics - sliding doors	No
aluminium - sliding doors	No
copper - sliding doors	No
Zinc die-cast - sliding doors	No
Powder-coating	No

**Recycled content pre-consumer:**

<b>Automatic linear sliding door families</b>	No Information
Steel galvanized - sliding doors	0 wt%
Plastics - sliding doors	0 wt%
aluminium - sliding doors	0 wt%
copper - sliding doors	0 wt%
Zinc die-cast - sliding doors	0 wt%
Powder-coating	0 wt%

**Preconsumer recycled content for the entire product:**

<b>Automatic linear sliding door families</b>	0 %
Steel galvanized - sliding doors	0 %
Plastics - sliding doors	0 %
aluminium - sliding doors	0 %
copper - sliding doors	0 %
Zinc die-cast - sliding doors	0 %
Powder-coating	0 %

**MR Credit BPDO - Material Ingredients - Option 1: Material Ingredient Reporting**
**Weighted Product Value on Credit BPDO - Material Ingredients - Option 1: Material Ingredient Reporting:**

<b>Automatic linear sliding door families</b>	0 % weighted value
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**A manufacturer inventory with all ingredients (to at least 0.1 %) identified by CASRN exists for the product:**

<b>Automatic linear sliding door families</b>	No
Steel galvanized - sliding doors	No
Plastics - sliding doors	No
aluminium - sliding doors	No
copper - sliding doors	No
Zinc die-cast - sliding doors	No
Powder-coating	No

**A Health Product Declaration (HPD) exists for the product:**

<b>Automatic linear sliding door families</b>	No
Steel galvanized - sliding doors	No
Plastics - sliding doors	No
aluminium - sliding doors	No
copper - sliding doors	No
Zinc die-cast - sliding doors	No
Powder-coating	No

**Certified according Declare - all ingredients have been evaluated and disclosed down to 0,1 % = 1000 ppm:**

<b>Automatic linear sliding door families</b>	No
Steel galvanized - sliding doors	No
Plastics - sliding doors	No
aluminium - sliding doors	No
copper - sliding doors	No
Zinc die-cast - sliding doors	No
Powder-coating	No

**Certified according Product Lens:**

<b>Automatic linear sliding door families</b>	No
Steel galvanized - sliding doors	No
Plastics - sliding doors	No
aluminium - sliding doors	No
copper - sliding doors	No
Zinc die-cast - sliding doors	No
Powder-coating	No

**Certified according Cradle to Facts - NSF/ANSI 336: Sustainability Assessment for Commercial Furnishings Fabric:**

<b>Automatic linear sliding door families</b>	No
Steel galvanized - sliding doors	No
Plastics - sliding doors	No
aluminium - sliding doors	No
copper - sliding doors	No
Zinc die-cast - sliding doors	No
Powder-coating	No

**Assessed according ANSI/BIFMA e3 Furniture Sustainability standard - Product earned at least 3 points under 7.5.1.3 Advanced Level in e3-2014 or 3 points under 7.4.1.3 Advanced Level in e3-2012:**

<b>Automatic linear sliding door families</b>	No
Steel galvanized - sliding doors	No
Plastics - sliding doors	No
aluminium - sliding doors	No
copper - sliding doors	No
Zinc die-cast - sliding doors	No
Powder-coating	No

**Certified with Cradle to Cradle:**

<b>Automatic linear sliding door families</b>	No
Steel galvanized - sliding doors	No
Plastics - sliding doors	No
aluminium - sliding doors	No
copper - sliding doors	No
Zinc die-cast - sliding doors	No
Powder-coating	No

**Cradle to Cradle Standard Version:**

<b>Automatic linear sliding door families</b>	No Information
Steel galvanized - sliding doors	no entry
Plastics - sliding doors	no entry
aluminium - sliding doors	no entry
copper - sliding doors	no entry
Zinc die-cast - sliding doors	no entry
Powder-coating	No Information

**Cradle to Cradle Level:**

<b>Automatic linear sliding door families</b>	No Information
Steel galvanized - sliding doors	no entry
Plastics - sliding doors	no entry
aluminium - sliding doors	no entry
copper - sliding doors	no entry
Zinc die-cast - sliding doors	no entry
Powder-coating	No Information

**Certified with Cradle to Cradle Material Health:**

<b>Automatic linear sliding door families</b>	No
Steel galvanized - sliding doors	No
Plastics - sliding doors	No
aluminium - sliding doors	No
copper - sliding doors	No
Zinc die-cast - sliding doors	No
Powder-coating	No

**Cradle to Cradle Material Health Level:**

<b>Automatic linear sliding door families</b>	No Information
Steel galvanized - sliding doors	no entry
Plastics - sliding doors	no entry
aluminium - sliding doors	no entry
copper - sliding doors	no entry
Zinc die-cast - sliding doors	no entry
Powder-coating	No Information

**For Cradle to Cradle Material Health are at least 90% of materials assessed by weight:**

<b>Automatic linear sliding door families</b>	No Information
Steel galvanized - sliding doors	No
Plastics - sliding doors	No
aluminium - sliding doors	No
copper - sliding doors	No
Zinc die-cast - sliding doors	No
Powder-coating	No Information

**MR Credit BPDO - Material Ingredients - Option 2: Material Ingredient Optimization**
**Weighted Product Value on Credit BPDO - Material Ingredients - Option 2: Material Ingredient Optimization:**

<b>Automatic linear sliding door families</b>	0 % weighted value
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The Product have fully inventoried chemical ingredients to 100 ppm and no Benchmark 1 hazard according to GreenScreen v1.2 Benchmark. The product is assessed with "GreenScreen List Translator":

<b>Automatic linear sliding door families</b>	No
Steel galvanized - sliding doors	No
Plastics - sliding doors	No
aluminium - sliding doors	No
copper - sliding doors	No
Zinc die-cast - sliding doors	No
Powder-coating	No

The Product have fully inventoried chemical ingredients to 100 ppm and no Benchmark 1 hazard according to GreenScreen v1.2 Benchmark. The product is assessed with "GreenScreen Assessment":

<b>Automatic linear sliding door families</b>	No
Steel galvanized - sliding doors	No
Plastics - sliding doors	No
aluminium - sliding doors	No
copper - sliding doors	No
Zinc die-cast - sliding doors	No
Powder-coating	No

**Certified with Cradle to Cradle:**

<b>Automatic linear sliding door families</b>	No
Steel galvanized - sliding doors	No
Plastics - sliding doors	No
aluminium - sliding doors	No
copper - sliding doors	No
Zinc die-cast - sliding doors	No
Powder-coating	No

**Cradle to Cradle Standard Version:**

<b>Automatic linear sliding door families</b>	No Information
Steel galvanized - sliding doors	no entry
Plastics - sliding doors	no entry
aluminium - sliding doors	no entry
copper - sliding doors	no entry
Zinc die-cast - sliding doors	no entry
Powder-coating	No Information

**Cradle to Cradle Level:**

<b>Automatic linear sliding door families</b>	No Information
Steel galvanized - sliding doors	no entry
Plastics - sliding doors	no entry
aluminium - sliding doors	no entry
copper - sliding doors	no entry
Zinc die-cast - sliding doors	no entry
Powder-coating	No Information

**MR Credit BPDO - Material Ingredients - Option 3: Product Manufacturer Supply Chain Optimization**
**Weighted Product Value on Credit BPDO - Material Ingredients - Option 3: Supply Chain Optimization:**

<b>Automatic linear sliding door families</b>	0 % weighted value
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**Environmental Management System according ISO 14001:**

<b>Automatic linear sliding door families</b>	Yes
Steel galvanized - sliding doors	No
Plastics - sliding doors	No
aluminium - sliding doors	No
copper - sliding doors	No
Zinc die-cast - sliding doors	No
Powder-coating	Yes

**Manufacturer is certified according OHSAS 18000 - Health and Safety Management System:**

<b>Automatic linear sliding door families</b>	No
Steel galvanized - sliding doors	No
Plastics - sliding doors	No
aluminium - sliding doors	No
copper - sliding doors	No
Zinc die-cast - sliding doors	No
Powder-coating	No

**Location Valuation Factor**
**Information for Location Valuation Factor is available:**

<b>Automatic linear sliding door families</b>	No
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**Place of raw material extraction (e.g D-70563 Stuttgart):**

<b>Automatic linear sliding door families</b>	No Information
Steel galvanized - sliding doors	No Information
Plastics - sliding doors	No Information
aluminium - sliding doors	No Information
copper - sliding doors	No Information
Zinc die-cast - sliding doors	No Information
Powder-coating	No Information

**Place of manufacture (e.g. D-70563 Stuttgart):**

<b>Automatic linear sliding door families</b>	Leonberg
Steel galvanized - sliding doors	No Information
Plastics - sliding doors	No Information
aluminium - sliding doors	No Information
copper - sliding doors	No Information
Zinc die-cast - sliding doors	No Information
Powder-coating	No Information

**Place of purchase incl. distribution (e.g. D-70563 Stuttgart):**

<b>Automatic linear sliding door families</b>	No Information
Steel galvanized - sliding doors	No Information
Plastics - sliding doors	No Information
aluminium - sliding doors	No Information
copper - sliding doors	No Information
Zinc die-cast - sliding doors	No Information
Powder-coating	No Information

The distance between place of raw material extraction and manufacture is less than 100 miles/160 km:

<b>Automatic linear sliding door families</b>	No
Steel galvanized - sliding doors	No Information
Plastics - sliding doors	No Information
aluminium - sliding doors	No Information
copper - sliding doors	No Information
Zinc die-cast - sliding doors	No Information
Powder-coating	No

#### ■ Contact Details Manufacturer

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#### ■ Disclaimer

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