

Manufacturer GEZE Tianjin

Product Name Door Closer TS FDM



Product Rating

- The product fulfills the requirements of action level 1 to 4 and contributes to achieve 10 (of max. 10) criterion points within Criterion 06 'Risks for the regional environment'.

Criterion 06 Risks for the Local Environment - Ecological Quality

Action Level 1 1 Point

Action Level 2 5 Points

Action Level 3 7.5 Points

Action Level 4 10 Points

Criterion 08 Sustainable Resources - Ecological Quality*

Action Level 1 1 Points

Action Level 2 5 Points

Action Level 3 10 Points

* This criterion is only applicable to wooden materials.

Product Characteristics

Guide rail door closer for single action doors and leaf widths up to 1.250 mm. The overhead door closer TS FDM with quality aluminum housing is suitable for left and right hand doors without conversion and is approved for mounting on fire and smoke doors. The closing force according to EN 1154 up to size 5 is adjustable from the side. The latching action, the backcheck as well as the thermo-constant closing speed are easily adjustable from the front.

* Motor/electronics and hydraulic oils are not part of the assessment.

About DGNB Products - www.dgnb.de

This declaration helps to assess products easily according the certification system DGNB® Neubauversion Büro- und Verwaltungsgebäude (NBV09). Products are not reviewed or certified by DGNB. DGNB credit requirements cover the performance of materials in aggregate, not the performance of individual products or brands. Therefore the project team or the manufacturer is responsible to declare the compliance with the project requirements to achieve DGNB points.

Below you find an explanation of the symbols. Detailed information are on the next pages.

- Credit requirements fulfilled - the action level is achieved**
- Credit is not applicable to this product**
- 22%** **X% of the product comply with the credit requirement**
- **Required data not specified - for required data contact manufacturer**
- Credit requirements are not fulfilled**

Manufacturer **GEZE Tianjin**Product Name **Door Closer TS FDM**

*All values are based on the unit: 1 element

| Detailed Rating | No | Product Name | Manufacturer | Mass per Unit* [%] | Steckbrief 06 Risiken für die lokale Umwelt | | | | Steckbrief 08 Nachhaltige Ressourcenverwendung | | | | |
|-----------------|------------------|--------------------|--------------|--------------------|---|----------------|----------------|----------------|--|----------------|----------------|---|--|
| | | | | | Action Level 1 | Action Level 2 | Action Level 3 | Action Level 4 | Action Level 1 | Action Level 2 | Action Level 3 | | |
| A1 | steel galvanized | DLCO (Taiwan) | ~0.4% | ✓ | ✓ | ✓ | ✓ | ✓ | ○ | ○ | ○ | ○ | |
| A2 | aluminium | GEZE GmbH | ~46% | ✓ | ✓ | ✓ | ✓ | ✓ | ○ | ○ | ○ | ○ | |
| A3 | steel | GEZE GmbH | ~51.4% | ✓ | ✓ | ✓ | ✓ | ✓ | ○ | ○ | ○ | ○ | |
| A4 | plastics | GEZE GmbH | ~0.5% | ✓ | ✓ | ✓ | ✓ | ✓ | ○ | ○ | ○ | ○ | |
| A5 | primer | GEZE Tianjin | ~0.3% | ✓ | ✓ | ✓ | ✓ | ✓ | ○ | ○ | ○ | ○ | |
| A6 | lacquer | GEZE Tianjin | ~0.4% | ✓ | ✓ | ✓ | ✓ | ✓ | ○ | ○ | ○ | ○ | |
| A7 | zinc die-cast | GEZE GmbH | ~1.1% | ✓ | ✓ | ✓ | ✓ | ✓ | ○ | ○ | ○ | ○ | |
| A8 | | | | | | | | | | | | | |
| A9 | | | | | | | | | | | | | |
| A10 | | | | | | | | | | | | | |
| | | Door Closer TS FDM | GEZE Tianjin | 100 | ✓ | ✓ | ✓ | ✓ | ○ | ○ | ○ | ○ | |

Manufacturer **GEZE Tianjin**
Product Name **Door Closer TS FDM**

Criterion 06 Risks for the Local Environment - Ecological Quality
Detailed Rating

| No | Product Name | Manufacturer |
|--|------------------|-------------------------|
| A1 | steel galvanized | DLCO (Taiwan) |
| Product Type | Requirement | Contribution of Product |
| There are no requirements for this product | | |

| No | Product Name | Manufacturer |
|--|--------------|-------------------------|
| A2 | aluminium | GEZE GmbH |
| Product Type | Requirement | Contribution of Product |
| There are no requirements for this product | | |

| No | Product Name | Manufacturer |
|--|--------------|-------------------------|
| A3 | steel | GEZE GmbH |
| Product Type | Requirement | Contribution of Product |
| There are no requirements for this product | | |

| No | Product Name | Manufacturer |
|---|---|---|
| A4 | plastics | GEZE GmbH |
| Product Type | Requirement | Contribution of Product |
| Plastics for windows, floorings or wall claddings | Action Level 1-3: ▪ No requirements Action Level 4: ▪ The product is free of lead, cadmium or tin stabilizer | The product is free of lead, cadmium or tin stabilizer. |

Manufacturer **GEZE Tianjin**
Product Name **Door Closer TS FDM**


| No | Product Name | Manufacturer |
|---|--|-------------------------|
| A5 | primer | GEZE Tianjin |
| Product Type | Requirement | Contribution of Product |
| Paints and coatings (without anti-corrosion paints) Applied on non-mineral surfaces. | Action Level 4: VOC-content < 3% Action Level 3: VOC-content < 10% Action Level 2: VOC-content < 15%; RAL UZ 12a count as proof Action Level 1: VOC-content < 25% | VOC-content: <3% |
| Sealants, adhesives, and anti-corrosion Applied on mineral and non-mineral surfaces. | Action Level 4: VOC-content < 3% Action Level 3: VOC-content < 10% Action Level 2: VOC-content < 15%; RAL UZ 12a count as proof Action Level 1: VOC-content < 25% | VOC-content: <3% |

| No | Product Name | Manufacturer |
|---|--|--|
| A6 | lacquer | GEZE Tianjin |
| Product Type | Requirement | Contribution of Product |
| Paints and coatings (without anti-corrosion paints) Applied on non-mineral surfaces. | Action Level 4: VOC-content < 3% Action Level 3: VOC-content < 10% Action Level 2: VOC-content < 15%; RAL UZ 12a count as proof Action Level 1: VOC-content < 25% | VOC-content: <3% |
| Sealants, adhesives, and anti-corrosion Applied on mineral and non-mineral surfaces. | Action Level 4: VOC-content < 3% Action Level 3: VOC-content < 10% Action Level 2: VOC-content < 15%; RAL UZ 12a count as proof Action Level 1: VOC-content < 25% | VOC-content: <3% |
| Varnishes for walls, floorings, ceiling or roofs. | Action Level 1-2: ▪ No requirements Action Level 3-4: ▪ Pigments and siccatives in varnishes are free of lead, cadmium, chromium VI or their compounds. | Pigments and siccatives in the product contain no lead, cadmium, chromium VI or their compounds. |

| No | Product Name | Manufacturer |
|--|---------------|-------------------------|
| A7 | zinc die-cast | GEZE GmbH |
| Product Type | Requirement | Contribution of Product |
| There are no requirements for this product | | |