greenbuildingproducts.eu

Product Declaration - LEED® 2009 New Construction And Major Renovations NC & CS

Manufacturer GEZE GmbH

Product Name Door Closer Boxer 3-6



Product Rating

• The product contains 12.5% recycled materials and contribute to achieve LEED credits within MR Credit 4.

Indoor Environmental Quality (IEQ)	- LEED Category		
IEQ Credit 4.1: Low Emitting Material	S: Adhesives and Sealants	1 Point	0
IEQ Credit 4.2: Low Emitting Material	s: Paints and Coatings	1 Point	0
IEQ Credit 4.3: Low Emitting Material	s: Flooring Systems	1 Point	0
IEQ Credit 4.4: Low Emitting Material	S: Composite Wood and Agrifiber Products	1 Point	0
Materials and Resources (MR) - LE	ED Category		
MR Credit 4: Recycled Content		1-2 Points	12%
MR Credit 4: Recycled Content MR Credit 5: Regional Materials		1-2 Points	12% See Location
·	Materials		See

Product Characteristics

Integrated door closer range for single and double- leaf doors. The Boxer 3-6 is applicable for leaf widths up to 1.400 mm. The integrated door closer range Boxer with high quality aluminum housings is suitable for DIN right and DIN left doors without conversion. The guide rail is only visible when the door is open. Even installed, the infinitely adjustable closing force, closing speed, latching action and hydraulic back check can be adjusted on the door closers. Additionally the closing sequence control on the double-leaf guide rails is extremely resistant to vandalism, i.e. the system will not suffer damage even if the active leaf is consciously pushed to close from the waiting position. An additional door suitability certificate is required for fireproof doors.

* Motor and electronics is not part of the assessment.

About LEED & Products - www.usgbc.org

This declaration helps to assess products easily according the certification system LEED® 2009 New Construction and Major Renovations NC & CS (excluded SCHOOLS). Products are not reviewed or certified by LEED. LEED credit requirements cover the performance of materials in aggregate, not the performance of individual products or brands. For more information about LEED visit www.usgbc.org/leed. The project team or the manufacturer is responsible to declare the compliance with the project requirements to achieve LEED points.

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

- Credit requirements fulfilled the credit point can be achieved
- O 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

Product Declaration - LEED® 2009 New Construction And Major Renovations NC & CS

Manufacturer GEZE GmbH

Product Name Door Closer Boxer 3-6



Det	Detailed Rating												
2	ome N to idea	Manufadurar	Mass per	VOC in	VOC- imit is	Flooring	Composite	Recycled Content	Content	Regional Materials	aterials	Rapidly	Certified
2		Manuacurer	nuir [%]	l/g	g/l	Systems	product	Post- Consumer	Pre- Consumer	Location Harvesting/ Extraction	Location Manufacturing	Material	Wood
Ā	steel galvanized	GEZE GmbH	~ 3.8%	N/A	Α̈́Ν	N/A	N/A	25%**	%0	Not specified	Not specified	N/A	N/A
A2	aluminium	GEZE GmbH	~ 25.9%	N/A	N/A	N/A	N/A	Not specified	Not specified	Not specified	Not specified	N/A	N/A
A3	copper	GEZE GmbH	~ 20.4%	N/A	N/A	N/A	N/A	Not specified	Not specified	Not specified	Not specified	N/A	N/A
A4	steel	GEZE GmbH	~ 46.1%	N/A	NA	N/A	N/A	25%**	%0	Not specified	Not specified	N/A	N/A
A5	plastics	GEZE GmbH	~ 0.3%	N/A	N/A	N/A	N/A	Not specified	Not specified	Not specified	Not specified	N/A	N/A
A6	zinc die-cast	GEZE GmbH	~ 3.5%	N/A	N/A	N/A	N/A	Not specified	Not specified	0	Not specified	N/A	N/A
A7													
A8													
A9													
A10													
	Türschließer Boxer 3- GEZE GmbH	- GEZE GmbH	100.0	O		0	O	12.5%	1	If the location of 'Harvesting & Extraction' and 'Manufacturing' is within a radius of 500 miles of the project the subproduct contributes to the credit.	Extraction' and ius of 500 miles of the utes to the credit.	0	0
	o							12.5%	2%				
*AII	alues are based on the ur	*All values are based on the unit:1 element **LEED default recycled content for steel	fault recycled	d content fo	r steel								

Notice: This declaration is a product of HOINKA GmbH. This data sheet is published in the online database greenbuildingproducts.eu. The distribution by third parties is prohibited. This declaration is no official certificate in terms of LEED. The contents are based on manufacturer specifications. In spite of a diligent treatment of all information HOINKA GmbH cannot guarantee the actuality or correctness of the published data. The interpretation of the LEED criteria requirements can differ and depend on the project and the scope of application. In spite of a diligent treatment of all information HOINKA GmbH cannot guarantee the correctness of evaluation in terms of the LEED requirements. The user of this declaration, the consumer of the product and the consultant/planner, who is advising this product in any construction projects, is responsible by himself to proof all data published in this document and to verify the permissibility for the designated application. The content of this data sheet does not manifest any legal relationship. With the publication of a new edition, this declaration can no longer be considered to be valid. The latest version is available in the internet. HOINKA GmbH • greenbuildingproducts.eu • Lembergweg 7/1 • 71067 Sindelfingen • Tel. • 49 7031 7659-441 • Fax • 49 7031 7659-443 • www.greenbuildingproducts.eu • contact@greenbuildingproducts.eu • Geschäftsführer: Dipl.-Ing. Thomas Hoinka



Product Declaration - LEED® 2009 New Construction And Major Renovations NC & CS

Manufacturer GEZE GmbH

Product Name Door Closer Boxer 3-6



MR Credit 4: Recycled Content (1-2 Points)

Intent

To increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.

Requirement

Use materials with recycled content* such that the sum of post-consumer** recycled content plus one-half of the pre-consumer*** content constitutes at least 10%/20% (based on cost) of the total value of the materials in the project.

The minimum percentage materials recycled for each point threshold is as follows:

- 10% Recycled Content -> 1 Point
- 20% Recycled Content -> 2 Points.
- * Recycled content is defined in accordance with the International Organization of Standards document, ISO 14021 Environmental labels and declarations Self-declared environmental claims (Type II environmental labeling).
- ** Postconsumer material is defined as waste material generated by households or by commercial, industrial and institutional facilities in their role as end-users of the product, which can no longer be used for its intended purpose.
- *** Preconsumer material is defined as material diverted from the waste stream during the manufacturing process. Reutilization of materials (i.e., rework, regrind or scrap generated in a process and capable of being reclaimed within the same process that generated it) is excluded.

Detailed Rating

No	Product Name	Manufacturer	Recycled Post-	Content Pre-	Contribution of Product	
			Consumer	Consumer		
A1	steel galvanized	GEZE GmbH	25%**	0%	Accountable recycled content according to LEED is 25% (1 x Post-Consumer + 0.5 x Pre-Consumer). **LEED default recycled content for steel	25%
A2	aluminium	GEZE GmbH	Not specified	Not specified	No recycled content specified.	_
А3	copper	GEZE GmbH	Not specified	Not specified	No recycled content specified.	_
A4	steel	GEZE GmbH	25%**	0%	Accountable recycled content is 25% (1 x Post-Consumer + 0.5 x Pre-Consumer). **LEED default recycled content for steel	25%
A5	plastics	GEZE GmbH	Not specified	Not specified	No recycled content specified.	_
A6	zinc die-cast	GEZE GmbH	Not specified	Not specified	No recycled content specified.	-



Product Declaration - LEED® 2009 New Construction And Major Renovations NC & CS

Manufacturer **GEZE GmbH**

Product Name Door Closer Boxer 3-6



MR Credit 5: Regional Materials (1-2 Points)

To increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.

Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for a minimum of 10% or 20%, based on cost, of the total materials value. If only a fraction of a product or material is extracted, harvested, or recovered and manufactured locally, then only that percentage (by weight) must contribute to the regional value. The minimum percentage regional materials for each point threshold is as follows:

- 10% Regional Materials -> 1 Point
- 20% Regional Materials -> 2 Points.

A2 alu		GEZE GmbH GEZE GmbH	Not specified Not specified	Not specified Not specified
A3 cop			Not specified	Not specified
	pper	GEZE GmbH		
		GLZE GIIIDI I	Not specified	Not specified
A4 ste	eel	GEZE GmbH	Not specified	Not specified
A5 pla	astics	GEZE GmbH	Not specified	Not specified
A6 zin	nc die-cast	GEZE GmbH	0	Not specified