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

Manufacturer GEZE GmbH

Product Name OL 320

Product Rating

• The product contains 6.5% recycled materials and contribute to achieve LEED credits within MR Credit 4.

Indoor Environmental Quality (IEQ) - LEED Category							
IEQ Credit 4.1: Low Emitting Materials	Adhesives and Sealants	1 Point	0				
IEQ Credit 4.2: Low Emitting Materials	Paints and Coatings	1 Point	0				
IEQ Credit 4.3: Low Emitting Materials	Flooring Systems	1 Point	0				
IEQ Credit 4.4: Low Emitting Materials	Composite Wood and Agrifiber Products	1 Point	0				
Materials and Resources (MR) - LEE	D Category						
MR Credit 4: Recycled Content		1-2 Points	6%				
MR Credit 5: Regional Materials		1-2 Points	See Location				
MR Credit 6: Rapidly Renewable N	laterials	1 Point	0				
MR Credit 7: Certified Wood		1 Point	0				

Product Characteristics About LEED & Products - www.usgbc.org Slimline fanlight opener for daily aeration and ventilation with vertically installed This declaration helps to assess products easily according the certification system LEED® 2009 New Construction and Major Renovations NC & CS rectangular windows with bottom-hung, top-hung or side-hung casements, inward opening. (excluded SCHOOLS). Products are not reviewed or certified by LEED. In the scissor stay integrated casement lock, opening width adjustable by stroke LEED credit requirements cover the performance of materials in aggregate, reduction. not the performance of individual products or brands. For more information For window cleaning, the scissors can be disengaged quickly by pressing the about LEED visit www.usgbc.org/leed. The project team or the manufacturer release catch. Casement closing pressure can be adjusted at the casement is responsible to declare the compliance with the project requirements to achieve LEED points. bracket. Opening width max. 320mm by weight of 250kg per leaf. Below you find an explanation of the symbols. Detailed information are on RAL certified fanlight opener available in 3 standard colour and 1 special colour. the next pages. Dimensions: WxHxD: 436x26x65mm. Credit requirements fulfilled - the credit point can be achieved \cap Credit is not applicable to this product X% of the product comply with the credit requirement Required data not specified - for required data contact manufacturer Credit requirements are not fulfilled

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OL 320

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Manufacturer



*All values are based on the unit:1 element **LEED default recycled content for steel

Product Name

Det	Detailed Rating			-	-		-				-		
2	Developed Momon	Manufacturor	Mass per	VOC in	VOC-	Flooring	Composite	Recycled Content	Content	Regional Materials	Materials	Rapidly	Certified
2		Mariulacture	[%]	g/l	g/l	Systems	product	Post- Consumer	Pre- Consumer	Location Harvesting/ Extraction	Location Manufacturing	Material	Wood
A1	Steel parts	GEZE GmbH	~ 26%	N/A	N/A	N/A	A/A	25%**	%0	Not specified	Not specified	N/A	N/A
A2	Aluminium	GEZE GmbH	~ 32.9%	N/A	N/A	N/A	A/A	Not specified	Not specified	Not specified	Not specified	N/A	NIA
A3	Zinc die-cast	GEZE GmbH	~ 34.3%	N/A	N/A	N/A	N/A	Not specified	Not specified	Not specified	Not specified	NA	N/A
A4	Plastics	GEZE GmbH	~ 4%	N/A	N/A	N/A	A/A	Not specified	Not specified	Not specified	Not specified	ΝΑ	N/A
A5	Powder coating	GEZE GmbH	~ 2.7%	N/A	N/A	N/A	A/A	Not specified	Not specified	Not specified	Not specified	NA	N/A
A6													
A7													
A8													
A9													
A10													
	01 330	СЕТЕ СтЬН	100.0			C	C	6.5%	ļ	If the location of 'Harvesting & Extraction' and Manufacturing is within a radius of 500 miles of the	& Extraction' and dius of 500 miles of the	C	C
	0L 320		0.000		<u> </u>	C	C	6.5%		project the subproduct contri	butes to the credit.	C	C

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

Manufacturer GEZE GmbH

GEZE

Product Name OL 320

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 parts	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.	_
A3	Zinc die-cast	GEZE GmbH	Not specified	Not specified	No recycled content specified.	—
A4	Plastics	GEZE GmbH	Not specified	Not specified	No recycled content specified.	—
A5	Powder coating	GEZE GmbH	Not specified	Not specified	No recycled content specified.	-

Reference: L09-1610 / 15.01.2015

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

Manufacturer GEZE GmbH

GEZE

Product Name OL 320

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

Intent

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.

Requirement

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.

Detailed Rating

No	Product Name	Manufacturer	Location Harvesting/ Extraction	Location Manufacturing
A1	Steel parts	GEZE GmbH	Not specified	Not specified
A2	Aluminium	GEZE GmbH	Not specified	Not specified
A3	Zinc die-cast	GEZE GmbH	Not specified	Not specified
A4	Plastics	GEZE GmbH	Not specified	Not specified
A5	Powder coating	GEZE GmbH	Not specified	Not specified

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