





**Product Declaration - LEED® 2009 New Construction And Major Renovations NC & CS**
**MANUFACTURER** GEGGUS GmbH

**PRODUCT NAME** Entrance mat TOP CLEAN - ribbed carpet

**Product Rating**

- The product fulfills the requirements for adhesives and sealants and contribute to achieve one LEED credit within IEQ Credit 4.1.
- The product does not fulfill the requirements for Flooring Systems and does not contribute to achieve a LEED credit within IEQ Credit 4.3.
- The product contains 45,6% 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: <b>Adhesives and Sealants</b>	1 Point	
IEQ Credit 4.2: Low Emitting Materials: <b>Paints and Coatings</b>	1 Point	
IEQ Credit 4.3: Low Emitting Materials: <b>Flooring Systems</b>	1 Point	
IEQ Credit 4.4: Low Emitting Materials: <b>Composite Wood and Agrifiber Products</b>	1 Point	

**Materials and Resources (MR) - LEED Category**

MR Credit 4: <b>Recycled Content</b>	1-2 Points	<b>46%</b>
MR Credit 5: <b>Regional Materials</b>	1-2 Points	<b>See Location</b>
MR Credit 6: <b>Rapidly Renewable Materials</b>	1 Point	
MR Credit 7: <b>Certified Wood</b>	1 Point	

**Product Characteristics**

Premium Barrier Matting Systems - German made

	<b>Credit requirements fulfilled - the credit point can be achieved</b>
	<b>Credit is not applicable to this product</b>
<b>22%</b>	<b>X% of the product comply with the credit requirement</b>
	<b>Required data not specified - for required data contact manufacturer</b>
	<b>Credit requirements are not fulfilled</b>

**About LEED & Products - [www.usgbc.org](http://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](http://www.usgbc.org/leed). The project team or the manufacturer is responsible to declare the compliance with the project requirements to achieve LEED points.

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

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Detailed Rating													
No	Product Name	Manufacturer	Mass per unit* [%]	VOC in g/l	VOC-Limit in g/l	Flooring Systems	Composite Agrifiber product	Recycled Content		Regional Materials		Rapidly Renewable Material	Certified Wood
								Post-Consumer	Pre-Consumer	Location Harvesting/ Extraction	Location Manufacturing		
A1	Aluminium profile	GEGGUS GmbH	~ 69,5%	N/A	N/A	No FloorScore Standard	N/A	65%	0,0%	Not specified	Not specified	N/A	N/A
A2	Stainless steel wire rope	GEGGUS GmbH	~ 0,7%	N/A	N/A	No FloorScore Standard	N/A	25%	0%	Not specified	Not specified	N/A	N/A
A3	EPDM profile spacing	GEGGUS GmbH	~ 0,7%	N/A	N/A	No FloorScore Standard	N/A	0%	0%	Not specified	Not specified	N/A	N/A
A4	TPE extruded profile for noise reduction	GEGGUS GmbH	~ 12,3%	N/A	N/A	No FloorScore Standard	N/A	0%	0%	Not specified	Not specified	N/A	N/A
A5	PE-foam for noise reduction	GEGGUS GmbH	~ 1%	N/A	N/A	No FloorScore Standard	N/A	0%	0%	Not specified	Not specified	N/A	N/A
A6	Ribbed carpet (PP)	GEGGUS GmbH	~ 10,9%	N/A	N/A	No FloorScore Standard	N/A	0%	5%	Not specified	Not specified	N/A	N/A
A7	Hotmelt (PO) for ribbed carpet	GEGGUS GmbH	~ 4,9%	1	50	No FloorScore Standard	N/A	0%	0%	Not specified	Not specified	N/A	N/A
A8													
A9													
A10													
	Eingangsmatte TOP CLEAN - Nadelvlies	GEGGUS GmbH	100,0	✓		✕	○	45,4%	0,5%	If the location of 'Harvesting & Extraction' and 'Manufacturing' is within a radius of 500 miles of the project the subproduct contributes to the credit.		○	○
								45,6%					

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**IEQ Credit 4.1: Low Emitting Materials: Adhesives and Sealants (1 Point)**
**IEQ Credit 4.2: Low Emitting Materials: Paints and Coatings (1 Point)**
**Intent**

Reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants caused by paints and coatings applied on site.

**Requirement**

All adhesive, sealants and sealant primers used on the interior of the building (defined as inside of the weatherproofing system and applied on-site) must comply shall comply with the VOC content limits of the following:

- SCAQMD Rule #1168 (effective date of July 1, 2005 and rule amendment date of January 7, 2005),
- Aerosol Adhesives must comply with Green Seal Standard for Commercial Adhesives GS-36 requirements in effect on October 19, 2000.

Paints and coatings used on the interior of the building (defined as inside of the weatherproofing system and applied on-site) must comply with the VOC content limits of the following:

- Green Seal Standard GS-11, Paints Edition, May 20, 1993,
- Green Seal Standard GC-03, Anti-Corrosive Paints, Second Edition, January 7, 1997, and
- South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings, rules in effect on January 1, 2004.

**Detailed Rating**

No	Product Name	Manufacturer	Related Credit	Product Type	VOC-Content Allowable	Product	Contribution of Product	
A1	Aluminium profile	GEGGUS GmbH	N/A	N/A	N/A	N/A	The product is no adhesive, sealant, paint or coating.	○
A2	Stainless steel wire rope	GEGGUS GmbH	N/A	N/A	N/A	N/A	The product is no adhesive, sealant, paint or coating.	○
A3	EPDM profile spacing	GEGGUS GmbH	N/A	N/A	N/A	N/A	The product is no adhesive, sealant, paint or coating.	○
A4	TPE extruded profile for noise reduction	GEGGUS GmbH	N/A	N/A	N/A	N/A	The product is no adhesive, sealant, paint or coating.	○
A5	PE-foam for noise reduction	GEGGUS GmbH	N/A	N/A	N/A	N/A	The product is no adhesive, sealant, paint or coating.	○
A6	Ribbed carpet (PP)	GEGGUS GmbH	N/A	N/A	N/A	N/A	The product is no adhesive, sealant, paint or coating.	○
A7	Hotmelt (PO) for ribbed carpet	GEGGUS GmbH	IEQ Credit 4.1	Indoor carpet adhesives (SCAQMD Rule 1168)	50g/l	<1g/l	The product fulfills the requirements for adhesives & sealants.	✓

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**IEQ Credit 4.3: Low Emitting Materials: Flooring Systems (1 Point)**
**Intent**

Reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants caused by carpets and other hard surface flooring.

**Requirement**

- All carpet must meet the testing and product requirements of the Carpet and Rug Institute Green Label Plus program,
- all carpet cushion must meet the requirements of the Carpet and Rug Institute Green Label program,
- all carpet adhesives must meet the VOC-limit of 50g/l according to IEQ Credit 4.1,
- all hard surface flooring must be certified as compliant with the FloorScore standard (current as of the date of this rating system, or more stringent version) by an independent third-party,
- concrete, wood, bamboo and cork floor finishes such as sealer, stain and finish must, meet the requirements of SCAQMD Rule 1113 (January 1, 2004),
- tile setting adhesives and grout must meet SCAQMD Rule 1168 (July 1, 2005) VOC limits correspond.

**Detailed Rating**

No	Product Name	Manufacturer	Product Type	Testing requirement/ Certificate	Contribution of Product	
A1	Aluminium profile	GEGGUS GmbH	Hard Surface Flooring	Option 1: FloorScore/ GREENGUARD	The product does not fulfill the FloorScore® Standard for low-emitting flooring systems.	×
A2	Stainless steel wire rope	GEGGUS GmbH	Hard Surface Flooring	Option 1: FloorScore/ GREENGUARD	The product does not fulfill the FloorScore® Standard for low-emitting flooring systems.	×
A3	EPDM profile spacing	GEGGUS GmbH	Hard Surface Flooring	Option 1: FloorScore/ GREENGUARD	The product does not fulfill the FloorScore® Standard for low-emitting flooring systems.	×
A4	TPE extruded profile for noise reduction	GEGGUS GmbH	Hard Surface Flooring	Option 1: FloorScore/ GREENGUARD	The product does not fulfill the FloorScore® Standard for low-emitting flooring systems.	×
A5	PE-foam for noise reduction	GEGGUS GmbH	Hard Surface Flooring	Option 1: FloorScore/ GREENGUARD	The product does not fulfill the FloorScore® Standard for low-emitting flooring systems.	×
A6	Ribbed carpet (PP)	GEGGUS GmbH	Hard Surface Flooring	Option 1: FloorScore/ GREENGUARD	The product does not fulfill the FloorScore® Standard for low-emitting flooring systems.	×
A7	Hotmelt (PO) for ribbed carpet	GEGGUS GmbH	Hard Surface Flooring	Option 1: FloorScore/ GREENGUARD	The product does not fulfill the FloorScore® Standard for low-emitting flooring systems.	×

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**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- Consumer	Content Pre- Consumer	Contribution of Product	
A1	Aluminium profile	GEGGUS GmbH	65%	0,0%	Accountable recycled content according to LEED is 65% (1 x Post-Consumer + 0.5 x Pre-Consumer).	65%
A2	Stainless steel wire rope	GEGGUS GmbH	25%	0%	Accountable recycled content is 25% (1 x Post-Consumer + 0.5 x Pre-Consumer).	25%
A3	EPDM profile spacing	GEGGUS GmbH	0%	0%	Accountable recycled content is 0% (1 x Post-Consumer + 0.5 x Pre-Consumer).	0%
A4	TPE extruded profile for noise reduction	GEGGUS GmbH	0%	0%	Accountable recycled content is 0% (1 x Post-Consumer + 0.5 x Pre-Consumer).	0%
A5	PE-foam for noise reduction	GEGGUS GmbH	0%	0%	Accountable recycled content is 0% (1 x Post-Consumer + 0.5 x Pre-Consumer).	0%
A6	Ribbed carpet (PP)	GEGGUS GmbH	0%	5%	Accountable recycled content is 2,5% (1 x Post-Consumer + 0.5 x Pre-Consumer).	3%
A7	Hotmelt (PO) for ribbed carpet	GEGGUS GmbH	0%	0%	Accountable recycled content is 0% (1 x Post-Consumer + 0.5 x Pre-Consumer).	0%

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**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	Aluminium profile	GEGGUS GmbH	Not specified	Not specified
A2	Stainless steel wire rope	GEGGUS GmbH	Not specified	Not specified
A3	EPDM profile spacing	GEGGUS GmbH	Not specified	Not specified
A4	TPE extruded profile for noise reduction	GEGGUS GmbH	Not specified	Not specified
A5	PE-foam for noise reduction	GEGGUS GmbH	Not specified	Not specified
A6	Ribbed carpet (PP)	GEGGUS GmbH	Not specified	Not specified
A7	Hotmelt (PO) for ribbed carpet	GEGGUS GmbH	Not specified	Not specified