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

Manufacturer Knauf Gips KG

Product Name Knauf Uniflott



Product Rating

• The product contains 32.5% recycled materials and contribute to achieve LEED credits within MR Credit 4.

- Depending on the building project location the product fulfills the requirements for regional extracted and manufactured materials (see locations). The product

might contribute to achieve LEED credits within MR Credit 5.

| Indoor Environmental Quality (IEQ) - LEED Category | | | |
|---|--|---|--|
| IEQ Credit 4.1: Low Emitting Materials: Adhesives and S | ealants | 1 Point | 0 |
| IEQ Credit 4.2: Low Emitting Materials: Paints and Coatin | ngs | 1 Point | 0 |
| IEQ Credit 4.3: Low Emitting Materials: Flooring Systems | 5 | 1 Point | 0 |
| IEQ Credit 4.4: Low Emitting Materials: Composite Wood | I and Agrifiber Products | 1 Point | 0 |
| Materials and Resources (MR) - LEED Category | | | |
| MR Credit 4: Recycled Content (The recycled content represents a r | nean value. For specific data please contact manufacturer.) | 1-2 Points | 33% |
| MR Credit 5: Regional Materials | | 1-2 Points | See Location |
| MR Credit 6: Rapidly Renewable Materials | | 1 Point | 0 |
| MR Credit 7: Certified Wood | | 1 Point | 0 |
| Product Characteristics Knauf Uniflott, the gypsum compound for filling joints of drywall systems by hand application, type 4B acc. to EN 13963. Properties: High crack safety Good adhesive properties Extraordinary easy filling Low drying shrinkage Filling of HRK and HRAK edges without joint tape Easy to sand Fields of application: Knauf Uniflott is used for filling of joints of Knauf boards, composite boards, Knauf Cleaneo Acoustic boards and Brio units. | system LEED® 2009 New Construction and (excluded SCHOOLS). Products are not re LEED credit requirements cover the performa not the performance of individual products or about LEED visit www.usgbc.org/leed. The pro- is responsible to declare the compliance with achieve LEED points. Below you find an explanation of the symbol the next pages. Credit requirements fulfilled - the achieved Credit is not applicable to this pro- 22% X% of the product comply with the Required data not specified - for manufacturer Credit requirements are not fulfilled | Asily according the of Major Renovations viewed or certified ance of materials in brands. For more oject team or the math the project requi ls. Detailed informa e credit point can roduct he credit requirer required data co | s NC & CS by LEED. aggregate, information anufacturer irements to tion are on tion are on be ment ntact |

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Manufacturer Knauf Gips KG

Product Name Knauf Uniflott



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

| N | o Product Name | Manufacturer | Recycled Post- Consumer | Content Pre- Consumer | Contribution of Product | |
|---|------------------|---------------|-------------------------------|-----------------------------|---|-----|
| A | 1 Knauf Uniflott | Knauf Gips KG | 0% | 65% | Accountable recycled content according to LEED is 32.5% (1 x Post-Consumer + 0.5 x Pre-Consumer). | 33% |

(The recycled content represents a mean value. For specific data please contact manufacturer.)

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Manufacturer Knauf Gips KG

Product Name Knauf Uniflott



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 | Knauf Uniflott | Knauf Gips KG | The average haul distance of the essential raw materials to the production site are the following: 65%: 375 km 33%: 275km 2%: origin is varying, therefore statements are not possible | lphofen (D) |

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ManufacturerKnauf Gips KGProduct NameKnauf UniflottDatasheets for Download

| Product Name | | Manufacturer |
|--------------|------------------------------------|---------------|
| Knauf L | Jniflott | Knauf Gips KG |
| Â | Technical Data Sheet | |
| Â | MSDS | |
| | Self-declared Environmental Claims | |
| Â | Map Location of Production | |
| | EPD | |

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