

Manufacturer **puren GmbH**

Product Name **purenit® 550 MD**


Product Rating

- The product contains 50% 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	<input checked="" type="radio"/>
IEQ Credit 4.2: Low Emitting Materials: Paints and Coatings	1 Point	<input checked="" type="radio"/>
IEQ Credit 4.3: Low Emitting Materials: Flooring Systems	1 Point	<input checked="" type="radio"/>
IEQ Credit 4.4: Low Emitting Materials: Composite Wood and Agrifiber Products	1 Point	<input checked="" type="radio"/>

Materials and Resources (MR) - LEED Category

MR Credit 4: Recycled Content	1-2 Points	50%
MR Credit 5: Regional Materials	1-2 Points	See Location
MR Credit 6: Rapidly Renewable Materials	1 Point	<input checked="" type="radio"/>
MR Credit 7: Certified Wood	1 Point	<input checked="" type="radio"/>

Product Characteristics

purenit® is a polyurethane product on (PUR/PIR) rigid foam basis, free of CFCs and HCFCs, with a high thermal insulation grade. You can process this high-performance multi-function material on any wood-working machine, it is recyclable and originally not laminated. purenit® is much more than just a construction material. Based on its indefinite types of application and its multitude of excellent properties and characteristics regarding processing throughout various industries and product areas, we consider purenit® a multi-purpose material. On account of its outstanding composition, purenit® can be fastened with screws, is stable against moisture, hard, light-weight, easy to handle and process, temperature-resistant, heat-insulating, resistant to chemicals, excels through its high rigidity, and may be laminated and/or combined with other materials.

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**
- 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 **puren GmbH**

Product Name **purenit® 550 MD**

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 Content		Contribution of Product
			Post-Consumer	Pre-Consumer	
A1	purenit® 550 MD	puren GmbH	0%	100%	Accountable recycled content according to LEED is 50% (1 x Post-Consumer + 0.5 x Pre-Consumer).

50%

Manufacturer **puren GmbH**

Product Name **purenit® 550 MD**

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	purenit® 550 MD	puren GmbH	88662 Überlingen (D), 73543 Abtsgmünd (D)	89611 Obermarchtal (D)