

## Paroc products in LEED certifications

### LEED BD+C v4 and v4.1 material requirements



P2015-101B  
20.05.2022

## PREFACE

This document is an assessment of the compliance of Paroc products with LEED environmental rating system requirements. The aim is to present the environmental qualities of Paroc products as well as highlight the essential Paroc sustainable best practices. The features have been presented in a way that contributes to meeting the requirements of global environmental certifications.

This document applies to all Paroc products produced in Sweden, Finland, Lithuania, Russia and Poland.

The following environmental rating systems for buildings are assessed:

- LEED v4.1 Building Design + Construction
- LEED v4 Building Design + Construction

The document focuses on providing information on how well Paroc products follow LEED's guidelines in different categories. Especially in categories Materials and Resources (MR 2, 3, 4 and 5) and Indoor Environmental Quality (IEQ 2). Additionally, Paroc products do have a contribution towards EA 2 Optimize energy performance and IEQ 5 Thermal Comfort, where insulation products contribute on general a level. Separate documents are not required to prove these categories' requirements.

All the necessary certificates can be found on the Paroc website or be provided upon request via customer service.

### Contacts

Noora Virta  
+358 40 771 1745  
noora.virta@raksystems.fi

Saku Kaikkonen  
+358 50 440 9983  
saku.kaikkonen@raksystems.fi

Veera Ollila  
+358 41 730 2677  
veera.ollila@raksystems.fi

**LEED Building Design & Construction v4**

Credit	Paroc contribution	Credits
<b>MR 2 Environmental Product Declarations</b>	<p>Option 1: All Paroc's Building Insulation -products have a product specific type III EPD. Technical Insulation -products will have product specific type III EPDs publicly available early 2022 latest.</p> <p>Option 2: Currently Paroc doesn't have Optimized EPD's though plan is to publish Optimized EPDs.</p>	<b>Option 1: 1 credit</b> (if 20 different products from 5 different producers are used)
<b>MR 3 Responsible Sourcing of Materials</b>	<p>Option 1 - Sustainability Report by OC according to GRI, third party verification from SCS Global Services according to AccountAbility's AA1000 Principles.</p> <p>Option 2 - REWOOL® (0,5 valuation factor for EPR system) &amp; recycled content (content and valuation varies between production plants)</p>	<p><b>Option 1: 1 credit</b> (if 20 different products from 5 different producers are used)</p> <p><b>Option 2: 1 credit</b> (if 25% of the used products, by cost, meet the criteria)</p>
<b>MR 4 Material Ingredients</b>	Paroc stone wool products contain no substances of very high concern listed in the REACH Authorization or Candidate list. Contribution towards option 2. Products are valued at a 100 % weight, by cost, in the credit calculations.	<b>Option 2: 1 credit</b> (if 25% of the used products, by cost, meet the criteria)
<b>MR 5 Construction and Demolition Waste Management</b>	Paroc stone wool is recyclable and can help the constructor to meet their recycling and waste prevention targets if insulation waste materials are collected separately. Paroc has a REWOOL® system in place to take back recyclable stone wool. Contribution towards option 1.	<b>Option 1: 2 credits</b> (if 50 or 75 % threshold is achieved)
<b>MR 2, 3 and 4 Locally Sourced Products</b>	Paroc's production plants are located in Hällekis and Hässleholm (Sweden), Parainen (Finland), Vilnius (Lithuania), Izoplit (Russia) and Trzemeszno (Poland).	<b>200 % valuation for credit calculations</b> (if site within 160km radius of the plant)
<b>IEQ2 Low-emitting Materials</b>	Several Paroc products have a Finnish M1 classification which is compliant with the credit requirements (General Emissions Evaluation) in Europe. In addition, several TI products have Indoor Air Comfort Gold classification which is compliant with both emission and content evaluation. Contribution towards ceiling, wall, thermal and acoustic insulation category.	<b>Credits 1</b> (if 75 % threshold is achieved with all products in the category)

**LEED Building Design & Construction v4.1**

Credit	Paroc contribution	Credits
<b>MR 2 Environmental Product Declarations</b>	<p>Option 1: All Paroc's Building Insulation -products have a product specific type III EPD. Technical Insulation -products will have product specific type III EPDs publicly available early 2022 latest.</p> <p>Option 2: Currently Paroc doesn't have Optimized EPD's though plan is to publish Optimized EPDs.</p>	<p><b>Option 1: 1 credit</b> (if 20 different products from 5 different producers are used)</p>
<b>MR 3 Responsible Sourcing of Materials</b>	<p>REWOOL® (0,5 valuation factor for EPR system) &amp; recycled content (content and valuation varies between production plants)</p>	<p><b>Credits 1-2</b> (if 15 or 30 % threshold is achieved with 3 different manufacturers)</p>
<b>MR 4 Material Ingredients</b>	<p>Paroc stone wool products contain no substances of very high concern listed in the REACH Authorization or Candidate or Restriction list. Contribution towards option 2, international pathway. Products are valued for 1 product in the credit calculations.</p>	<p><b>Credits 1</b> (if 5 different products are used from 3 different producers)</p>
<b>MR 5 Construction and Demolition Waste Management</b>	<p>Paroc stone wool is recyclable and can help the constructor to meet their recycling and waste prevention targets, if insulation waste materials are collected separately. Paroc has a REWOOL® system in place to take back recyclable stone wool. Contribution towards both options, 50 % recycling rate or less than 75 kg/m<sup>2</sup> through reuse and source reduction design.</p>	<p><b>Option 1: 1 credit</b> (if 50 % threshold is achieved)</p> <p><b>Option 2: 1-2 credits</b> (if less than 75 or 50 kg/m<sup>2</sup> is generated)</p>
<b>MR 2, 3 and 4 Locally Sourced Products</b>	<p>Paroc's production plants are located in Hällekis and Hässleholm (Sweden), Parainen (Finland), Vilnius (Lithuania), Izoplit (Russia) and Trzemeszno (Poland).</p>	<p><b>200 % valuation for credit calculations</b> (if site within 160km radius of the plant)</p>
<b>IEQ2 Low-emitting Materials</b>	<p>Several Paroc products have a Finnish M1 classification which is compliant with the credit requirements (General Emissions Evaluation) in Europe. In addition, several TI products have Indoor Air Comfort Gold classification which is compliant with both emission and content evaluation. Contribution towards insulation category.</p>	<p><b>Credits 1</b> (if 75 % threshold is achieved with all insulation products)</p>

## TABLE OF CONTENTS

<b>MATERIALS AND RESOURCES .....</b>	<b>6</b>
<b>MR 2 ENVIRONMENTAL PRODUCT DECLARATIONS – OPTION 1 .....</b>	<b>6</b>
<b>MR 2 ENVIRONMENTAL PRODUCT DECLARATIONS – OPTION 2 .....</b>	<b>8</b>
<b>MR 3 RESPONSIBLE SOURCING OF MATERIALS .....</b>	<b>10</b>
<b>MR 4 MATERIAL INGREDIENTS .....</b>	<b>12</b>
<b>MR 2, 3, &amp; 4 – LOCALLY SOURCED PRODUCTS .....</b>	<b>14</b>
<b>MR 5 CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT .....</b>	<b>15</b>
<b>INDOOR ENVIRONMENTAL QUALITY .....</b>	<b>17</b>
<b>IEQ 2 LOW-EMITTING MATERIALS.....</b>	<b>17</b>

## Materials and Resources

### MR 2 ENVIRONMENTAL PRODUCT DECLARATIONS – OPTION 1

#### Paroc practices in brief

- **Type III EPD's** according to **EN 15804, ISO 21930 and ISO 14025** for Building Insulation -products
- **Self-declared EPD's** for Technical Insulation -products, type III EPD's available later 2022

### LEED V4 BUILDING DESIGN AND CONSTRUCTION

<b>Paroc contribution</b>	<b>All Paroc's Building Insulation -products have a product specific type III EPD. Technical Insulation -products will have product specific type III EPDs publicly available early 2022 latest.</b> <b>Paroc BI products contribute with 1 product for this credit.</b> <b>Paroc TI products contribute with 0,25 product for this credit (will be 1 product after type III EPDs are published).</b>
---------------------------	---

<b>Assessment</b>	One credit can be achieved by using at least 20 different permanently installed products sourced from at least five different manufacturers have either a publicly available, critically reviewed life-cycle assessment conforming to ISO 14044 or an EPD according to ISO 14025, ISO 14040 and ISO 14044 and EN 15804 or ISO 21930.
-------------------	--

<b>Documents</b>	Product specific EPD's from company's website
------------------	---

## LEED V4.1 BUILDING DESIGN AND CONSTRUCTION

---

<b>Paroc contribution</b>	<b>All Paroc's Building Insulation -products have a product specific type III EPD. Technical Insulation -products will have product specific type III EPDs publicly available early 2022 latest.</b> <b>Paroc BI products contribute with 1,5 products for this credit.</b> <b>Paroc TI products contribute with 1 product for this credit (will be 1,5 products after type III EPDs are published).</b>
---------------------------	--

---

---

<b>Assessment</b>	One credit can be achieved by using at least 20 different permanently installed products sourced from at least five different manufacturers (10 different permanently installed products from three different manufacturers for Core & Shell and Warehouses & Distribution Centers) that have either a publicly available, critically reviewed life-cycle assessment conforming to ISO 14044 or an EPD according to ISO 14025, ISO 14040 and ISO 14044 and EN 15804 or ISO 21930.
-------------------	---

---

---

<b>Documents</b>	Product specific EPD's from company website
------------------	---

---

## PAROC PRACTICES IN DETAIL

- Paroc EPD's for Building Insulation -products follow the ISO 14025, ISO 21930 and EN 15804 standards. These type III EPD's include products produced in the Finnish (eXtra, Natura), Swedish (eXtra, Klimstskiva™ ZERO), Polish (UNS 37) and Lithuanian (Ultra) factories and that have no facing or other features other than stone wool on them.
- Paroc also has three international EPD's for Technical Insulation -products that cover all production plants in Finland, Sweden, Poland and Lithuania. These EPD's also cover products with no facing and have been divided into three groups based on the same density categories as the Finland and Sweden specific EPD's. There are international EPD's for products with an average density of 35 kg/m<sup>3</sup>, 93 kg/m<sup>3</sup> and 144 kg/m<sup>3</sup> which are equivalent with the less than 70 kg/m<sup>3</sup>, 70–120 kg/m<sup>3</sup> and more than 120 kg/m<sup>3</sup> categories. These EPD's are self-declarations done in accordance with the EN 15804 standard.
- Paroc is currently working on type III EPD's for Technical Insulation -products that follow ISO 14025, ISO 21930 and EN 15804 standards.
- The EPD's for Building Insulation -products have been based on 1 m<sup>2</sup> of product, with Cradle to Grave -scope
- The EPD's for Technical Insulation -products have been based on 1 m<sup>3</sup> of product, with Cradle to Grave -scope

## MR 2 ENVIRONMENTAL PRODUCT DECLARATIONS – OPTION 2

### Paroc practices in brief

- **Type III EPD's** according to **EN 15804, ISO 21930 and ISO 14025**
- Both EPD types contain information on the **CO<sub>2</sub>, CFC-11, SO<sub>2</sub>, phosphate and ethene (C<sub>2</sub>H<sub>4</sub>)** emissions, but the emissions are not benchmarked

## LEED V4 BUILDING DESIGN AND CONSTRUCTION

<b>Paroc contribution</b>	<b>Both the type III EPDs and the self declared EPD's contain information on the amounts of emissions in the following categories: CO<sub>2</sub>, CFC-11, SO<sub>2</sub>, phosphate and ethene (C<sub>2</sub>H<sub>4</sub>) which account for four of the required categories. This credit can not be awarded yet with Option 2 because impacts categories are not benchmarked, though plan is to publish Optimized EPDs in the upcoming years.</b>
<b>Assessment</b>	Based on costs, 50 % of the permanently installed products must be third party certified products that demonstrate impact reduction below industry average in at least three of the following categories: kg CO <sub>2</sub> -e; kg CFC-11, kg H+ or SO <sub>2</sub> ; kg nitrogen or phosphate; and formation of tropospheric ozone ( kg NO <sub>x</sub> , kg O <sub>3</sub> or ethene C <sub>2</sub> H <sub>4</sub> ) as well as depletion of nonrenewable energy resources (MJ).
<b>Documents</b>	-



## LEED V4.1 BUILDING DESIGN AND CONSTRUCTION

---

<b>Paroc contribution</b>	<b>Both the type III EPDs and the self declared EPD's contain information on the amounts of emissions in the following categories: CO<sub>2</sub>, CFC-11, SO<sub>2</sub>, phosphate and ethene (C<sub>2</sub>H<sub>4</sub>) which account for four of the required categories. This credit can not be awarded yet because impact categories are not benchmarked, though plan is to publish Optimized EPDs.</b>
---------------------------	---

---

---

<b>Assessment</b>	Use at least 5 permanently installed products sourced from at least three different manufacturers that have a compliant embodied carbon optimization report or action plan separate from the LCA or EPD. Reports include such factors as reduction in GWP relative to baseline and reduction in impact categories (kg CO <sub>2</sub> -e; kg CFC-11, kg H <sub>2</sub> O or SO <sub>2</sub> ; kg nitrogen or phosphate; and formation of tropospheric ozone (kg NO <sub>x</sub> , kg O <sub>3</sub> or ethene C <sub>2</sub> H <sub>4</sub> ) as well as depletion of nonrenewable energy resources (MJ) ) relative to baseline
-------------------	---

---

---

<b>Documents</b>	-
------------------	---

---

## MR 3 RESPONSIBLE SOURCING OF MATERIALS

### Paroc practices in brief

- Self-reported **Corporate Sustainability Report (CSR)** according to **GRI** guidelines
- **REWOOL®** system for Extended Producer Responsibility (**EPR**)

## LEED V4 BUILDING DESIGN AND CONSTRUCTION

<b>Paroc contribution</b>	<p><b>Option 1 - Sustainability Report by OC according to GRI, third party verification from SCS Global Services according to AccountAbility's AA1000 Principles.</b></p> <p><b>Option 2 - REWOOL® (0,5 valuation factor for EPR system) &amp; recycled content (content and valuation varies between production plants)</b></p>
---------------------------	--

<b>Assessment</b>	<p>In option 1 (1 point), use at least 20 different permanently installed products from at least five different manufacturers that have publicly released a report from their raw material suppliers which include raw material supplier extraction locations, a commitment to long-term ecologically responsible land use, a commitment to reducing environmental harms from extraction and/or manufacturing processes, and a commitment to meeting applicable standards or programs voluntarily that address responsible sourcing criteria.</p> <p>AND/OR</p> <p>In option 2 (1 point), use products that meet at least one of the responsible extraction criteria for at least 25%, by cost, of the total value of permanently installed building products in the project.</p>
-------------------	---

<b>Documents</b>	<p>Owens Corning Sustainability Report from company's website</p> <p>REWOOL® information from company's website</p> <p>Recycled content document given upon request</p>
------------------	---

## LEED V4.1 BUILDING DESIGN AND CONSTRUCTION

<b>Paroc contribution</b>	<b>REWOOL® (0,5 valuation factor for EPR system) &amp; recycled content (content and valuation varies between production plants)</b>
<b>Assessment</b>	Use products sourced from at least three different manufacturers that meet at least one of the responsible sourcing and extraction criteria for at least 15% (1 point) or 30% (2 points), by cost, of the total value of permanently installed building products in the project. Exemplary from achieving 45 %.
<b>Documents</b>	REWOOL® information from company's website Recycled content document given upon request

## PAROC PRACTICES IN DETAIL

- When it comes to corporate sustainability reporting (CSR), Paroc does self-reporting and follows the guidelines of GRI (Global Reporting Initiative) providing information on the company's sustainable practices and principles. The report is verified by SCS Global Services according to AccountAbility's AA1000 Principles.
- In order to minimize environmental impacts and the amount of stone wool ending up in landfills from construction sites, Paroc also has created an Extended Producer Responsibility (EPR) system called REWOOL®. In short, Paroc takes back pure and recyclable excess stone wool from construction sites which is then directed back to the Paroc production line and used to produce new Paroc products.

## MR 4 MATERIAL INGREDIENTS

### Paroc practices in brief

- **No substances** listed on the REACH **Authorization** or **Candidate** or **Restriction** list used in Paroc stone wool products

## LEED V4 BUILDING DESIGN AND CONSTRUCTION

---

<b>Paroc contribution</b>	<b>Paroc stone wool products contain no substances of very high concern listed in the REACH Authorization or Candidate list.</b> <b>Contribution towards option 2. Products are valued at a 100 % weight, by cost, in the credit calculations.</b>
---------------------------	---

---

---

<b>Assessment</b>	In option 1 (1 point), Use at least 20 different permanently installed products from at least five different manufacturers that use any of the identified programs to demonstrate the chemical inventory of the product to at least 0.1% (1000 ppm). AND/OR In option 2 (1 point), use products that document their material ingredient optimization using the paths identified in the criteria for at least 25%, by cost, of the total value of permanently installed products in the project.
-------------------	---

---

---

<b>Documents</b>	REACH statement, latest version given upon request
------------------	--

---

## LEED V4.1 BUILDING DESIGN AND CONSTRUCTION

---

<b>Paroc contribution</b>	<b>Paroc stone wool products contain no substances of very high concern listed in the REACH Authorization or Candidate or Restriction list.</b> <b>Contribution towards option 2, international pathway. Products are valued for 1 product in the credit calculations.</b>
---------------------------	---

---

<b>Assessment</b>	In option 1 (1 point), use at least 20 different permanently installed products from at least five different manufacturers that use any of the identified programs to demonstrate the chemical inventory of the product to at least 0.1% (1,000 ppm). (10 different permanently installed products from at least three different manufacturers for CS and Warehouses & Distribution Centers)  AND/OR  In option 2 (1 point), Use products that have a compliant material ingredient report or action plan. Use at least 5 permanently installed products sourced from at least three different manufacturers. Exemplary from 10 products from 5 different manufacturers.
-------------------	--

---

<b>Documents</b>	REACH statement, latest version given upon request
------------------	--

---

## PAROC PRACTICES IN DETAIL

- Paroc stone wool products do not contain (nor are they added in production) substances mentioned in the Candidate list (substances of very high concern), Authorization list or Restriction list of REACH, therefore products apply with the compliant material ingredient report.

## MR 2, 3, & 4 – LOCALLY SOURCED PRODUCTS

### LEED V4 AND V4.1 BUILDING DESIGN AND CONSTRUCTION

<b>Paroc contribution</b>	<b>Paroc's production plants are located in Hällekis and Hässleholm (Sweden), Parainen (Finland), Vilnius (Lithuania), Izoplit (Russia) and Trzemeszno (Poland).</b>
<b>Assessment</b>	V4 & V4.1:  For credit achievement calculations (in MR 2, MR 3 and MR 4), products sourced (extracted, manufactured and purchased) within 160 km (100 miles) of the project site are valued at maximum of 200% of their base contribution cost.
<b>Documents</b>	Documents are given upon request

### PAROC PRACTICES IN DETAIL

- Paroc products are manufactured in Sweden, Finland, Lithuania, Russia and Poland. Raw materials are harvested from various locations in Europe. Further details on regional materials and harvesting or production locations of various Paroc products will be given project-specifically upon request.

## MR 5 CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT

### Paroc practices in brief

- The Paroc stone wool products are **recyclable**
- Paroc has the **REWOOL® system in Finland and Sweden** (available for Paroc customers)

## LEED V4 BUILDING DESIGN AND CONSTRUCTION

---

### Paroc contribution

**Paroc stone wool is recyclable and can help the constructor to meet their recycling and waste prevention targets, if insulation waste materials are collected separately. Paroc has a REWOOL® system in place to take back recyclable stone wool.**

**Contribution towards option 1 for 2 credits, 75 % recycling rate.**

---

### Assessment

In option 1 (1-2 points), at least 50 % of the construction site or demolition waste, including waste from a minimum of three different waste streams, has to be recycled. An additional point is awarded if the recycling rate exceeds 75 % and at least 4 different waste streams are included.

OR

In option 2 (2 points), do not generate more than 12.2 kg/m<sup>2</sup> of waste of the building's floor area.

---

### Documents

Documentation from Paroc are given upon request

---

## LEED V4.1 BUILDING DESIGN AND CONSTRUCTION

---

<b>Paroc contribution</b>	<p>Paroc stone wool is recyclable and can help the constructor to meet their recycling and waste prevention targets, if insulation waste materials are collected separately. Paroc has a REWOOL® system in place to take back recyclable stone wool.</p> <p><b>Contribution towards both options, 50 % recycling rate (1 credit) or less than 50 kg/m<sup>2</sup> through reuse and source reduction desing (2 credits).</b></p>
---------------------------	--

---

<b>Assessment</b>	<p>In option 1 (1 point), by following the Waste Management Plan divert at least 50% of the total construction and demolition materials from landfills and incineration facilities.</p> <p>AND/OR</p> <p>In option 2 (1-2 points), prevent waste through reuse and source reduction design strategies. Generate less than 75 kg/m<sup>2</sup> (1 point) or 50 kg/m<sup>2</sup> (2 points).</p>
-------------------	--

---

<b>Documents</b>	<p>Document from the company about amount of recycled wool are given upon request</p>
------------------	---

---

## PAROC PRACTICES IN DETAIL

- The stone wool products can be reused. Waste from newly produced stone wool can be reused on the site. It can, for example, be used as a base layer when insulating attic floors before a blowing wool installation is carried out or by being turned into blowing wool.
- Paroc has a REWOOL® system in place to collect recyclable stone wool from construction sites. The goal is to maximize the amount of stone wool that can be recycled. With the REWOOL® system, surplus insulation is recycled and turned into new stone wool insulation, instead of being disposed of as waste. The REWOOL® system involves the collection and transport of waste wool for the production of new stone wool. A small fee is charged for collecting the waste wool, as well as for transport costs, thus avoiding the need for landfill disposal.



## Indoor Environmental Quality

### IEQ 2 LOW-EMITTING MATERIALS

#### Paroc practices in brief

- **M1 classifications** for nearly all products
- Eurofins "**Indoor Air Comfort GOLD**" product certifications for several technical insulation products

### LEED V4 BUILDING DESIGN AND CONSTRUCTION

<b>Paroc contribution</b>	<p>Several Paroc products have a Finnish M1 classification which is compliant with the credit requirements (General Emissions Evaluation) in Europe. In addition, several TI products have Indoor Air Comfort Gold classification which is compliant with both, emission and content evaluation.</p> <p><b>Contribution towards ceiling, wall, thermal and acoustic insulation category.</b></p>
<b>Assessment</b>	<p>Achieve the threshold level of compliance with emissions and content standards for the number of product categories introduced. Credits based on the project scope, 2-7 categories for 1-3 credits</p> <p>Ceilings, walls, thermal and acoustic insulation products are evaluated as one category and evaluation is based on the General Emissions Evaluation (VOC emission evaluation). 100 % of the ceilings, walls, thermal and acoustic insulation products must meet the evaluation.</p>
<b>Documents</b>	<p>M1 classifications: <a href="http://m1.rts.fi/en/">http://m1.rts.fi/en/</a></p> <p>M1 certificates available also on company's website</p> <p>Indoor Air Comfort Gold classifications from company's website</p>

## LEED V4.1 BUILDING DESIGN AND CONSTRUCTION

---

<b>Paroc contribution</b>	<b>Several Paroc products have a Finnish M1 classification which is compliant with the credit requirements (General Emissions Evaluation) in Europe. In addition, several TI products have Indoor Air Comfort Gold classification which is compliant with both emission and content evaluation.</b> <b>Contribution towards insulation category.</b>
---------------------------	---

---

---

<b>Assessment</b>	Use materials on the building interior (everything within the waterproofing membrane) that meet the low-emitting criteria. Points are awarded according to number of categories counted as low-emitting. 2-4 categories for 1-3 credits. Exemplary for additional category (5th) or 90 % threshold achieved in three categories (additional point if only 2 credits achieved).  At least 75 % of the insulation materials must meet the VOC emission evaluation for the category to be counted as low-emitting.
-------------------	---

---

---

<b>Documents</b>	M1 classifications: <a href="http://m1.rts.fi/en/">http://m1.rts.fi/en/</a> M1 certificates available also on company's website Indoor Air Comfort Gold classifications from company's website
------------------	--

---

## PAROC PRACTICES IN DETAIL

- Nearly all Paroc products have a Finnish M1 emission classification, which is compliant with the General Emission Evaluation to be counted as low-emitting materials in the Insulation category for V4.1 and ceiling, wall, thermal and acoustic insulation category for V4. A list of Paroc products with a M1 classification can be found on the Finnish Rakennustieto website at <http://m1.rts.fi/en/> also from company website.
- Several Technical Insulation -products have Indoor Air Comfort Gold -certification which is compliant with the General Emission Evaluation to be counted as low-emitting materials in the insulation category for V4.1 and ceiling, wall, thermal and acoustic insulation category for V4.