

# Environmental & Health Data Sheet

Self-declaration according to ISO 14021



## EGGER PerfectSense Lacquered Board Feelwood and Texture

The EGGER PerfectSense Lacquered Board Feelwood and Texture is a decorative, melamine faced wood based material on a EGGER Eurospan chipboard core board for interior uses. It is provided with a one-sided UV coating as standard. The particularly matt surface has a anti-fingerprint property, the Feelwood board shows additionally synchronous pore textures.

## Raw Materials & Primary Products

### Wood origin

Our plants are certified according to the standard ISO 38200:2018, all paper can be referred to the ISO 38200: 2018 statements. On request and in agreement with your contact person at the EGGER sales department, our products can be declared on our sales documents also with other certification claims, depending on the availability at the production site. Please inquire availability details from your sales or certificates and an up-to-date list of the regional origin and wood species used in the product, see document available for download at [www.egger.com/environment](http://www.egger.com/environment):

#### Manufacturer's Declaration – Timber origins (Pdf)

- [Manufacturer Declaration – Sustainable Forestry \(Pdf\)](#)
- [Certificate ISO 38200:2018 \(Pdf\)](#)
- Further 3<sup>rd</sup> party certificates of sustainable wood procurement [\(Pdf\)](#) [\(Pdf\)](#)

### Renewable content

|  | Renewable content | Fossil-based content |
|--|-------------------|----------------------|
| EGGER PerfectSense Lacquered Board<br>Feelwood / Texture | 89 %              | 11 %                 |

Average renewable resource content by dry weight, in relation to all constituent materials (incl.wood, glue, resin and others). Figures may vary between thicknesses.

### Recycled content

|  | Virgin material | Co-products | Pre-consumer recycling material | Post-consumer recycling material |
|--|-----------------|-------------|---------------------------------|----------------------------------|
| EGGER PerfectSense Lacquered Board<br>Feelwood / Texture | 29 %            | 37 %        | 5 %                             | 29 %                             |

Average recycling content by dry weight, in relation to all constituent materials (incl.wood, glue, resin and others). Figures may vary between thicknesses.

## Constituent materials

The PerfectSense lacquered board Feelwood is a decorative, UV-lacquered, melamine faced MDF board. The table below contains 99.9% of the primary products, measured by weight. Proportions may vary between individual product thicknesses. Listed is the average across all thicknesses in one production year. All chemicals have been evaluated and are disclosed down to 1000 ppm.

| Proportion |   | Function                            | Composition/ <i>Add. info</i>  |
|------------|---|-------------------------------------|--|
| 89         | % | Dry wood chips (core board)         | Industrial round wood, saw mill by-products, Pre-consumer recycling wood and Post-consumer recycling wood  |
| 8          | % | Glue (core board)                   | Urea-Formaldehyde Glue (UF)  |
| 2          | % | Decorative surface layer            | 43 % décor paper (virgin cellulose, print color)   |
|            |   |                                     | 57 % melamine-formaldehyde resin/<br><i>during the pressing process, the aminoplastic adhesive hardens fully. Under normal conditions, it is bound to the wood and chemically stable</i> |
| < 1        | % | Formaldehyde scavenger (core board) | Technical Urea   |
| < 1        | % | Lacquer Coating                     | Acrylic resin (UV curing)  |
| < 0.5      | % | Hydrophobing agent (core board)     | Paraffine wax emulsion   |

## Manufacturing

### Production plants & their certifications

The product is manufactured at the following locations. You find the plant certifications available for download at [www.egger.com/environment](http://www.egger.com/environment). For production plant's address kindly see footnotes at the end of this document.

| Plant <sup>1</sup> | Certifications <sup>2</sup> obtained by this plant |             |           |             |
|--------------------|--|-------------|-----------|-------------|
|                    | Quality  | Environment | Energy    | Wood origin |
| Brilon, D          | ISO 9001   | ISO 14001   | ISO 50001 | ISO 32800   |

## Processing

### Safety

This product is not hazardous in the form in which it is shipped by the manufacturer. Downstream activities (e.g. grinding, sanding, cutting or pulverizing) may generate wood dust, which is hazardous. Wear a respiratory mask if using hand tools without a dust extraction device. Observe all liability insurance association regulations for commercial processing operations (e.g. safety goggles).

### Processing instructions

See

- Processing Instructions PerfectSense lacquered boards (Pdf)

available at the product download area at [www.egger.com/products](http://www.egger.com/products)

### Technical data

See Technical Datasheets available at the product download area at [www.egger.com/products](http://www.egger.com/products)

## Use

### Product certification

The product is certified <sup>ii</sup> according to:

- TÜV ProfiCert Product Interior PREMIUM

On request the products can be labelled with a certification claim according to:

- ISO 38200:2018
- Further 3<sup>rd</sup> party certificates of sustainable wood procurement

To download certificates, see EGGER environmental downloads at [www.egger.com/environment](http://www.egger.com/environment) and product category's downloads at [www.egger.com/products](http://www.egger.com/products).

### Product emissions & Health aspects

Natural wood constituents may be released in small quantities. Minor amounts of formaldehyde can be detected. During the EGGER PerfectSense Lacquered Board Feelwood and Texture's manufacturing processes, heat and pressure is applied in a short cyclepress. All resins cure completely into a solid material. In the use phase, the product is chemically stable under normal conditions. There are no known health hazards or health effects to be expected under normal conditions, when the product is used as intended.

The product is subjected to annual tests within the scope of TÜV PROFICERT-product Interior surveillance by an independent third party. Please note: requirements listed as met "via TÜV PROFICERT" are NOT CERTIFIED stand-alone in this category!

The following table contains an overview of requirements, on which the product has been tested by an independent third party and fulfills the emission requirements. See Annex for limit values and further details.

| Substance / indicator                                 | Product has been tested and fulfils emission requirement | Requirement                              | Requirement details <sup>iii</sup>                                      |
|---|--|--|---|
| VOC, Formaldehyde, Carcinogens, Ammonia, Nitrosamines | ✓  | TÜV PROFICERT-product Interior PREMIUM   | Common Label for the Health and Quality Assessment of Interior Products |
| VOC, Carcinogens                                      | ✓  | AgBB 2018                                | via TÜV PROFICERT (see above)   |
| VOC   | ✓  | French VOC regulation, emission class A+ | via TÜV PROFICERT (see above)   |
| VOC   | ✓  | Belgian VOC regulation                   | via TÜV PROFICERT (see above)   |
| VOC, Formaldehyde, Carcinogens, harmful substances    | ✓  | CAM Italy                                | via TÜV PROFICERT (see above)   |
| VOC, Formaldehyde, Carcinogens                        | ✓  | BREEAM Exemplary Level                   | via TÜV PROFICERT (see above)   |
| VOC   | ✓  | Finnish M1 classification                | via TÜV PROFICERT (see above)   |
| Formaldehyde, VOC Carcinogens, harmful substances     | ✓  | Austrian Ecolabel, Guideline UZ 07       | via TÜV PROFICERT (see above)   |
| Formaldehyde, VOC Carcinogens, harmful substances     | ✓  | DE-UZ 76 (Blue Angel)                    | via TÜV PROFICERT (see above)   |
| Formaldehyde  | ✓  | ChemVerbotsV E1 DE 2020                  | via TÜV PROFICERT (see above)   |
| Formaldehyde  | ✓  | LEED v4 (outside North America)          | via TÜV PROFICERT (see above)   |

## End of life – Waste treatment

### Reuse

During remodeling or at the end of the utilization phase of a building, the product can easily be separated and used again for the same applications, if selective deconstruction is practiced. This is only possible if the product has not been bonded over its entire surface.

### Recycling – Material use

Leftovers which accrue on the construction site as well as those from deconstruction measures should primarily be routed to a material utilization stream (use as post-consumer recycling material). The product can be recycled and used for the same purpose, since waste wood from furniture is a secondary material already used in the production of new chipboards.

### Incineration – Energetic use

After its utilization phase, the product should be separated and routed to an energetic recovery, due to its high calorific value of approx. 18.5 MJ/kg. Upon incineration, kindly observe all locally applicable legal requirements for the correct dimensions, required filter technologies, operating conditions, and legal permissions for burning wood-based panels/chipboards.

Waste code according to European Waste Catalogue, depending on origin of the waste:

- 17 02 01 Construction & Demolition Waste Wood or
- 03 01 05 sawdust, shavings, cuttings, wood, particle board and veneer not containing hazardous substances

The product is not classified as hazardous waste. Used EGGER PerfectSense Lacquered Board Feelwood / Texture can be classified as glued, laminated waste wood without halogenated compounds in the lamination layer and without wood preservatives.

See also document available for download at [www.egger.com/environment](http://www.egger.com/environment):

- Manufacturer's Declaration – Wood preservatives (Pdf)
- Manufacturer's Declaration – Halogenated organic compounds (Pdf)

## Compliance with LEED v4

The EGGER PerfectSense Lacquered Board Feelwood and Texture is compliant with the prerequisites for use in LEED certified buildings outside the U.S. Beyond that the usage of a EGGER PerfectSense Lacquered Board Feelwood and Texture contributes to gather additional points within the LEED scoring system. The following table shows all LEED credits which are applicable to the usage of our product. As the actually achievable number of points depends on the attributes of all used materials in the LEED building project and further actions by the constructor, we cannot guarantee to obtain the maximum score. For full requirement terms see LEED credit library at [www.usbc.org](http://www.usbc.org).

### Projects outside U.S.

| LEED v4 Requirements for Building Design + Construction (BD+C)<br>New Construction, Core and Shell, Schools, Retail, Healthcare, Data Centers,<br>Hospitality, Warehouses and Distribution Centers |  |                | Product contributions  |
|--|--|----------------|--|
| LEED v4 Requirements for Interior Design + Construction (ID+C)<br>Commercial Interiors, Retail, Hospitality  |  |                |  |
| Chapter  | Requirement summary  | Maximum Points |  |
| Material and Resources   | Building Product Disclosure and Optimization - Environmental Product Declarations<br>Option 1. Environmental Product Declaration (EPD)   | 1<br>Point     | Currently, this product has no EPD.  |
| Material and Resources   | Building Product Disclosure and Optimization - Sourcing of Raw Materials<br>Option 1: Raw material source and extraction reporting Third-party verified corporate sustainability reports (CSR) according to an accepted framework. | 2<br>Points    | An annual Sustainability report is published in accordance with the GRI standards: "Core" option, and is audited by an independent party. See <ul style="list-style-type: none"> <li>Sustainability report (Pdf)<br/>available for download at <a href="http://www.egger.com/environment">www.egger.com/environment</a>.</li> </ul>                                    |
| Material and Resources   | Building Product Disclosure and Optimization - Sourcing of Raw Materials<br>Option 2.3: Wood products must be certified by the Forest Stewardship Council® (FSC®) or USGBC-approved equivalent.                                    |                | Yes, the product can be purchased in 3 <sup>rd</sup> party certified qualities <b>on request</b> . Use delivery receipt as evidence document. See also chapter "Wood origin" of this document.   |
| Material and Resources   | Building Product Disclosure and Optimization - Sourcing of Raw Materials<br>Option 2.5: Recycled content is the sum of postconsumer recycled content plus one-half the preconsumer recycled content                                | 1<br>Point     | Recycled content of the product (based on weight) =29 % + 5% /2 =32% . See "Constituent materials" section above to obtain further information.  |
| Material and Resources   | Building Product Disclosure and Optimization - Material Ingredients<br>Option 1: Declare.  | 1<br>Point     | The manufacturer has screened the product to at least 1,000 ppm and has provided a publicly available inventory. See "Constituent materials" section above to obtain further information.  |
| Indoor Environmental Quality   | Low-emitting Materials- VOC emissions evaluation (product categories ceilings, walls, acoustic insulation only)<br>Product complies with the LCI values of the German AgBB Testing and Evaluation Scheme                           | 3<br>Points    | Product complies with the LCI values of the German AgBB scheme. See "Product emissions & Health aspects" section above for further information. Use <ul style="list-style-type: none"> <li>TÜV PROFICERT-product Interior PREMIUM<br/>as evidence document, available for download at <a href="http://www.egger.com/downloads">www.egger.com/downloads</a>.</li> </ul> |
| Indoor Environmental Quality   | Low-emitting Materials- Formaldehyde emissions evaluation<br>For projects <b>outside the U.S.</b> , composite wood must be documented not to exceed a concentration limit of 0.05 ppm of formaldehyde.                             |                | Use <ul style="list-style-type: none"> <li>TÜV PROFICERT-product Interior PREMIUM<br/>as evidence document, available for download at <a href="http://www.egger.com/downloads">www.egger.com/downloads</a>.</li> </ul>   |

## Projects inside U.S.

Please note that formaldehyde emission requirements in LEED v4 are deviating for projects **inside the U.S.**

| LEED v4 Requirements for Building Design + Construction (BD+C)<br>New Construction, Core and Shell, Schools, Retail, Healthcare, Data Centers, Hospitality, Warehouses and Distribution Centers |  |                | Product contributions  |
|---|--|----------------|--|
| LEED v4 Requirements for Interior Design + Construction (ID+C)<br>Commercial Interiors, Retail, Hospitality   |  |                |  |
| Chapter   | Requirement summary  | Maximum Points |  |
| Material and Resources  | Building Product Disclosure and Optimization - Environmental Product Declarations  | 1<br>Point     | Currently, this product has no EPD.  |
|   | Option 1. Environmental Product Declaration (EPD)  |                |  |
| Material and Resources  | Building Product Disclosure and Optimization - Sourcing of Raw Materials   | 2<br>Point     | An annual Sustainability report is published in accordance with the GRI standards: "Core" option, and is audited by an independent party. See <ul style="list-style-type: none"> <li>▪ Sustainability report (Pdf)</li> </ul> available for download at <a href="http://www.egger.com/environment">www.egger.com/environment</a> . |
|   | Option 1: Raw material source and extraction reporting Third-party verified corporate sustainability reports (CSR) according to an accepted framework.                             |                |  |
| Material and Resources  | Building Product Disclosure and Optimization - Sourcing of Raw Materials   |                | Yes, the product can be purchased in 3 <sup>rd</sup> party certified qualities <b>on request</b> . Use delivery receipt as evidence document. See also chapter "Wood origin" of this document.   |
|   | Option 2.3: Wood products must be certified by the Forest Stewardship Council® (FSC®) or USGBC-approved equivalent.  |                |  |
| Material and Resources  | Building Product Disclosure and Optimization - Sourcing of Raw Materials   | 1<br>Point     | Recycled content of the product (based on weight) = 29 % + 5% / 2 = 32% . See "Constituent materials" section above to obtain further information.   |
|   | Option 2.5: Recycled content is the sum of postconsumer recycled content plus one-half the preconsumer recycled content, based on cost.  |                |  |
| Material and Resources  | Building Product Disclosure and Optimization - Material Ingredients  | 1<br>Point     | The manufacturer has screened the product to at least 1,000 ppm and has provided a publicly available inventory. See "Constituent materials" section above to obtain further information.  |
|   | Option 1: Declare.   |                |  |
| Indoor Environmental Quality  | Low-emitting Materials- Formaldehyde emissions evaluation:   | 3<br>Points    | The product does not fulfil ULEF requirements. For core board and decorative surface glue and resins on a formaldehyde base are used.  |
|   | Composite wood must be documented to have low formaldehyde emissions that meet the requirements for ultra-low-emitting formaldehyde (ULEF) resins or no added formaldehyde resins. |                |  |

## Compliance with WELL Building Standard v2™

EGGER PerfectSense Lacquered Board Feelwood and Texture is compliant with the preconditions for use in WELL v2™ certified buildings. Beyond that the usage of this product may contribute to gather additional points within the WELL scoring system. The following table shows all WELL features which are applicable to the usage of our product. *Requirements given in italics are currently not met by the product.* As the actually achievable number of points depends on the attributes of all used materials in the WELL building project and further actions by the constructor, we cannot guarantee to obtain the maximum score. For full requirement terms see WELL feature library at [www.wellcertified.com](http://www.wellcertified.com).

| Requirements                       |   |                | Product contributions   |
|------------------------------------|---|----------------|---|
| Chapter                            | Requirement summary   | Maximum Points |   |
| X01 Material Precautions           | Restrict asbestos, mercury and lead.  | Precondition   | The product complies with this precautions. See <a href="#">Manufacturer's Declaration – Asbestos (Pdf)</a> available for download at <a href="http://www.egger.com/environment">www.egger.com/environment</a> . Use <ul style="list-style-type: none"> <li>TÜV PROFICERT-product Interior PREMIUM as evidence document for healthy living products, available for download at <a href="http://www.egger.com/downloads">www.egger.com/downloads</a>.</li> </ul> |
| X05 Enhanced Material Restrictions | <b>Part 2a Select Compliant Architectural and Interior Products:</b> Flooring products, ceiling and wall panels contain halogenated flame retardants (HFR) at less than 100 ppm.  | 1 Point        | The product complies with this requirement. No halogenated flame retardants (HFR) are used in this product. See "Constituent materials" section above for your documentation. Please get in touch with the EGGER product sustainability & compliance team at <a href="mailto:environment@egger.com">environment@egger.com</a> to get Manufacturer's declaration on the use of halogenated compounds (Pdf).  |
| X05 Enhanced Material Restrictions | <b>Part 2a Select Compliant Architectural and Interior Products:</b> Newly installed floorings and furniture contain Orthophthalates at less than 100 ppm.  |                | In general, no softening agents are used in the production of chipboards , in particular no phthalates. See "Constituent materials" section above for your documentation.   |
| X06 Volatile Compound reduction    | <b>Part 2a Restrict VOC Emissions from Furniture, Architectural and Interior Products:</b> Furniture and wall panels tested per AgBB or CDPH method and VOC emission threshold established.   | 2 Points       | Product complies with the LCI values of the German AgBB scheme. See "Product emissions & Health aspects" section above for further information. Use <ul style="list-style-type: none"> <li>TÜV PROFICERT-product Interior PREMIUM as evidence document, available for download at <a href="http://www.egger.com/downloads">www.egger.com/downloads</a>.</li> </ul>  |
| X06 Volatile Compound reduction    | <b>Part 2c2 Restrict VOC Emissions from Furniture, Architectural and Interior Products:</b> Composite wood panels meet the formaldehyde standards European E1, TSCA, F*** or LEED v4.1  |                | Use <ul style="list-style-type: none"> <li>TÜV PROFICERT-product Interior PREMIUM as evidence document, available for download at <a href="http://www.egger.com/downloads">www.egger.com/downloads</a>.</li> </ul>  |
| X07 Material Transparency          | <b>Part 1: Select Products with Disclosed Ingredients:</b> Promote ingredient disclosure with ingredients identified and disclosed to 1,000 ppm.  | 1 Point        | The product is screened to at least 1,000 ppm and the manufacturer has provided a publicly available inventory within this document. See "Constituent materials" section above for your documentation.  |
| X08 Materials Optimization         | <b>Part 1 Select Material with Enhanced Chemical Restrictions:</b> Newly installed furnishings, built-in furniture, interior finishes and finish materials comply with some combination of the listed programs (e.g. Living Building Challenge Red List Free) | 2 Points       | <i>Currently our product does not participate in any of the listed programs. It does not contribute to achieve points for this requirement.</i>   |
| X08 Materials Optimization         | <b>Part 2 Select Optimized Products:</b> Product is certified by one of the listed programs (e.g. Cradle to Cradle)   |                | <i>Currently our product does not participate in any of the listed programs. It does not contribute to achieve points for this requirement.</i>   |

## Compliance with BREEAM International New Construction 2016

EGGER PerfectSense Lacquered Board Feelwood and Texture is compliant with the preconditions for use in BREEAM 2016 certified buildings and fulfils the emission requirements at exemplary level. Beyond that the usage of this product may contribute to gather additional points within the BREEAM scoring system. *Requirements given in italics are currently not met by the product.* The following table shows all BREEAM credits which are applicable to the usage of our product. As the actually achievable number of credits depends on the attributes of all used materials in the BREEAM building project and further actions by the constructor, we cannot guarantee to obtain the maximum score. For full requirement terms see BREEAM manual at [www.breeam.com](http://www.breeam.com).

| Requirements  |   |                    | Product contributions   |
|---|---|--------------------|---|
| Chapter   | Requirement summary   | Maximum Credits    |   |
| <b>Mat 01</b><br><b>Life cycle impacts</b>                            | Environmental product declarations (EPD) – product installed by Post-Construction Stage is covered by verified EPD  | 1<br><i>Credit</i> | <i>Currently, this product has no EPD.</i>  |
| <b>Mat 03</b><br><b>Responsible sourcing of construction products</b> | All timber-based products used on the project are legally harvested and traded timber.  | Prerequisite       | The product is verified by the ISO 38200 : 2018 statements. The standard considers all legality requirements in the respective purchasing or production country and all environmental and social criteria known in the ISO system. See also chapter “Wood origin” of this document.<br><br>Additionally, the product can be purchased in other 3 <sup>rd</sup> party certified qualities on request. Use delivery receipt as evidence document. |
| <b>Hea 02</b><br><b>Indoor air quality</b>                            | Avoidance of asbestos.  | Prerequisite       | The product complies with this prerequisite. See <a href="#">Manufacturer's Declaration – Asbestos (Pdf)</a> available for download at <a href="http://www.egger.com/environment">www.egger.com/environment</a>   |
| <b>Hea 02</b><br><b>Indoor air quality</b>                            | Minimising sources of pollution - Emissions from building products. Product should meet the exemplary level emission criteria<br><br>Formaldehyde ≤ 0.01 mg/m <sup>3</sup><br>TVOC ≤ 0.3 mg/m <sup>3</sup><br>TSVOC ≤ 0,001 mg/m <sup>3</sup><br><br>Category 1A and 1B carcinogens ≤ 0.001 mg/m <sup>3</sup> | 2<br><br>Credits   | Product meets the exemplary level emissions criteria. Use <ul style="list-style-type: none"> <li>▪ TÜV ProfiCert Product Interior PREMIUM</li> </ul> as evidence document, available for download at <a href="http://www.egger.com/downloads">www.egger.com/downloads</a> .   |



## Compliance with DGNB System Version 2020 International – New buildings criteria set

The DGNB Silver, Gold and Platinum ratings result from the overall level of fulfillment of the building project. Which quality levels EGGER PerfectSense Lacquered Board Feelwood and Texture fulfills according to the DGNB system and where you can find the required verifications can be found in the following table. The contributions to the overall degree of fulfillment resulting from this according to the DGNB point system depend, among other things, on the relevance of the product group for the overall building. Please note that other criteria are also relevant for the overall rating of the building. We can therefore not guarantee a score to be obtained through the use of EGGER PerfectSense Lacquered Board Feelwood and Texture.

| Requirements  |  |                     | Product contributions   |
|---|--|---------------------|---|
| Topic   | Requirement summary  | Quality level       |   |
| <b>ENV1.1</b><br><b>Building life cycle assessment</b>  | The building life cycle assessment requires building material data. Specific and verified life cycle assessment data (e.g. Environmental Product Declaration, EPD) should be preferred over general, generic life cycle assessment data. | General requirement | <i>Currently, this product has no EPD.</i>  |
| <b>ENV1.2</b><br><b>Local environmental impact</b>      | Wood materials equipped with flame retardents:<br><br>Boron compounds ≤ 0.1%   | 4                   | Surveillance of boron compounds is covered by the TÜV PROFICERT product Interior PREMIUM certificate. See "Product emissions & Health aspects" section above for further information. Use <ul style="list-style-type: none"> <li>TÜV PROFICERT-product Interior PREMIUM</li> </ul> as evidence document, available for download at <a href="http://www.egger.com/downloads">www.egger.com/downloads</a> |
| <b>ENV1.2</b><br><b>Local environmental impact</b>      | Interior walls, floor and ceiling coverings (such as fibreboards):<br><br>Asbestos free  | 4                   | The product complies with this requirement. See <a href="#">Manufacturer's Declaration – Asbestos (Pdf)</a> available for download at <a href="http://www.egger.com/environment">www.egger.com/environment</a>  |
| <b>ENV1.2</b><br><b>Local environmental impact</b>      | Documentation of emission:<br>Certification (by a laboratory accredited in accordance with ISO 17025 that the product or system complies with the AgBB criteria  | 4                   | Product complies with the LCI values of the German AgBB scheme. See "Product emissions & Health aspects" section above for further information. Use <ul style="list-style-type: none"> <li>TÜV PROFICERT-product Interior PREMIUM</li> </ul> as evidence document, available for download at <a href="http://www.egger.com/downloads">www.egger.com/downloads</a> .                                     |
| <b>ENV1.2</b><br><b>Local environmental impact</b>      | No chemical wood preservative in the interior.   | 4                   | During the production of EGGER PerfectSense Lacquered Board Feelwood / Texture no wood preservatives are added. See <a href="#">Manufacturer's declaration Wood Preservatives (Pdf)</a> available for download at <a href="http://www.egger.com/environment">www.egger.com/environment</a> .  |
| <b>ENV1.3</b><br><b>Sustainable resource extraction</b> | Certified sustainable resource extraction  | 1.3                 | The product is verified by the ISO 38200 : 2018 statements. See also chapter "Wood origin" of this document. Additionally, the product can be purchased in other 3 <sup>rd</sup> party certified qualities on request. Use delivery receipt as evidence document.   |
| <b>TEC1.6</b><br><b>Ease of recovery and recycling</b>  | Recycling and disposal path:<br><br>Material recovery in building construction or<br><br>Material recovery   | 2                   | EGGER actively uses chipboard as waste wood in the production of particleboard. The product is recyclable at the end of its useful life. See chapter "End of life – waste treatment" above for further details.   |

## Compliance with Nordic Swan Ecolabel

### Furniture and Fitments, version 4.15

If you are planning to certify a furniture product with the Nordic Swan Ecolabel, we as your supplier are happy to provide you with the required evidence documents, as shown below. From our current knowledge, all other requirements beyond this list are not applicable to this product from the raw material supplier. When in doubt, please always take the original criteria version as a reference at the official Nordic Swan website.

| Requirements                               |   | Product contributions   |
|--|---|---|
| Chapter                                    | Requirement summary   |   |
| <b>R11 Origin and traceability</b>         | Written procedure ensuring traceability to the origin of the raw materials  | The product complies with the requirement. The following evidence document can be used: <ul style="list-style-type: none"> <li>▪ Certificate ISO 38200:2018 (Pdf)</li> </ul> available for download at <a href="http://www.egger.com/environment">www.egger.com/environment</a> .                         |
| <b>R12 Chemical products and additives</b> | Chemical products and additives/constituent substances used in the production of wood-based panels must satisfy the requirements of R3, R4 and R5 in Chapter 2.1. | The product complies with the requirement. Please get in touch with the EGGER product sustainability & compliance team at <a href="mailto:environment@egger.com">environment@egger.com</a> to get Form 2a documents and safety data sheets for each chemical product and additive/ constituent substance. |
| <b>R13 Formaldehyde</b>                    | Average emissions of formaldehyde must not exceed 0.07 mg/m <sup>3</sup> air as determined by the current version of EN 717-1                                     | Use <ul style="list-style-type: none"> <li>▪ TÜV PROFICERT-product Interior PREMIUM</li> </ul> as evidence document, available for download at <a href="http://www.egger.com/downloads">www.egger.com/downloads</a> .   |

## Compliance with other labels & regulations

Additional information in the form of manufacturer declarations, EPDs and brochures is available at

- [www.egger.com/environment](http://www.egger.com/environment)

Your label or regulation is missing? The EGGER product sustainability & compliance team is happy to support you with suitable information on the requirements. Please get in touch with

- [environment@egger.com](mailto:environment@egger.com)

or contact your EGGER sales contact or distributor, who are happy to forward the inquiry.

## Footnotes

i

| Production plant | Address   |
|------------------|---|
| Brilon, D        | EGGER Holzwerkstoffe Brilon GmbH & Co. KG, Im Kissen 19, 59929 Brilon (D) |

ii

| Product Certifications |  |
|------------------------|--|
| ISO 38200:2018         | ISO 38200:2018 Chain of Custody of wood and wood-based products    |
| TÜV PROFICERT PREMIUM  | TÜV PROFICERT-product Interior PREMIUM certification criteria V1.3 |

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| Substance   | Requirement                              | Norm reference   | Limit value  | Testing method                        |
|---|--|--|--|---------------------------------------|
| Formaldehyde  | E1                                       | Chemicals Act (Chemicals Prohibition Ordinance; German: Chemikalien-Verbotsverordnung, ChemVerbotsV), Appendix 1 to Section 3, Entry 1: "Formaldehyde" Clause 2(1) | 0.1 ppm  | DIN EN 16516                          |
| TVOC (AgBB)<br>TVOC (DIN EN 16516)<br>TSVOC<br>VOC<br>R value<br>Formaldehyde<br>1.4-Dichlorobenzol<br>Trichlorethylene<br>DEHP<br>DBP<br>Carcinogenic, mutagenic substances and substances toxic to reproduction (EU-category 1A and 1B according to CLP Regulation (EC) No 1272/2008)<br>Ammoniac<br>Nitrosamines<br>Formaldehyde according to "ChemVerbotsV E1 DE 2020 (DIN EN 717-1, result with factor 2)<br>Formaldehyde according to "ChemVerbotsV E1 DE 2020 (DIN EN 16516) | TÜV PROFICERT PREMIUM                    | TÜV PROFICERT-product Interior PREMIUM v. 1.3<br><br>for details see proficert.de  | < 300 µg/ m <sup>3</sup> (28d)<br>≤ 200 µg/ m <sup>2</sup> *h (28d)<br>≤ 100 µg/ m <sup>3</sup> (28d)<br>< 100 µg/ m <sup>3</sup> (28d)<br>< 1.0 µg/ m <sup>3</sup> (28d)<br>< 10 µg/ m <sup>3</sup> (28d)<br>< 60 µg/ m <sup>3</sup> (28d)<br>≤ 1 µg/ m <sup>3</sup> (28d)<br>≤ 1 µg/ m <sup>3</sup> (28d)<br>≤ 1 µg/ m <sup>3</sup> (28d)<br>≤ 1 µg/ m <sup>3</sup> (28d)<br><br>≤ 24 µg/ m <sup>3</sup> (28d)<br>≤ 0.2 µg/ m <sup>3</sup> (28d)<br>≤ 0.1 ppm (28d)<br><br>≤ 0.1 ppm (28d) | ISO 16000 parts 3, 6, 9, 11/ EN 16516 |
| VOC<br>Carcinogens  | German AgBB                              | covered by TÜV PROFICERT-product Interior PREMIUM  | see TÜV PROFICERT  | see TÜV PROFICERT                     |
| VOC   | French A+                                | covered by TÜV PROFICERT-product Interior PREMIUM  | see TÜV PROFICERT  | see TÜV PROFICERT                     |
| VOC   | Belgian VOC regulation                   | covered by TÜV PROFICERT-product Interior PREMIUM  | see TÜV PROFICERT  | see TÜV PROFICERT                     |
| Formaldehyde<br>VOC   | Minimum Environmental Criteria CAM Italy | covered by TÜV PROFICERT-product Interior PREMIUM  | see TÜV PROFICERT  | see TÜV PROFICERT                     |
| VOC<br>Formaldehyde<br>Carcinogens  | BREEAM International, Exemplary Level    | covered by TÜV PROFICERT-product Interior PREMIUM  | see TÜV PROFICERT  | see TÜV PROFICERT                     |
| VOC   | Finnish M1                               | covered by TÜV   | see TÜV PROFICERT  | see TÜV PROFICERT                     |

|                                    |                                       |   |                   |                   |
|------------------------------------|---------------------------------------|---|-------------------|-------------------|
|                                    | classification                        | PROFICERT-product<br>Interior PREMIUM                   |                   |                   |
| VOC<br>Formaldehyde<br>Carcinogens | Austrian Ecolabel,<br>Guideline UZ 07 | covered by TÜV<br>PROFICERT-product<br>Interior PREMIUM | see TÜV PROFICERT | see TÜV PROFICERT |
| VOC<br>Formaldehyde<br>Carcinogens | DE-UZ 76 (Blue<br>Angel)              | covered by TÜV<br>PROFICERT-product<br>Interior PREMIUM | see TÜV PROFICERT | see TÜV PROFICERT |
| VOC<br>Carcinogens                 | Annex 8 MVV TB/<br>ABG, 2019/1        | covered by TÜV<br>PROFICERT-product<br>Interior PREMIUM | see TÜV PROFICERT | see TÜV PROFICERT |
| Formaldehyde                       | ChemVerbotsV<br>E1 DE 2020            | covered by TÜV<br>PROFICERT-product<br>Interior PREMIUM | see TÜV PROFICERT | see TÜV PROFICERT |
| Formaldehyde<br>VOC                | LEED v4 (outside<br>North America)    | covered by TÜV<br>PROFICERT-product<br>Interior PREMIUM | see TÜV PROFICERT | see TÜV PROFICERT |