

MORE FROM WOOD.

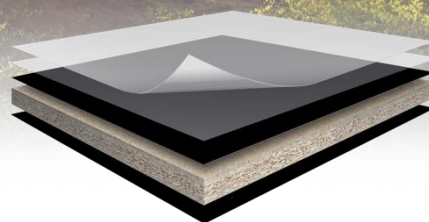


Revision: 02
Approved: 20.11.2025

Self-Declaration According to ISO14021

Environmental & Health Data Sheet

EGGER PerfectSense Matt Lacquered Particleboards
E1E05 TSCA P2
Recipe: 181, 191



- LEED
- WELL v2™
- BREEAM International v6
- DGNB
- QNG
- CAM Italy
- Nordic Swan

Our EcoFacts show the environmental impact of our product at a glance.*



GWP-total**: -13.5 kgCO₂/m²
 GWP-fossil: 4.8 kgCO₂/m²
 GWP-biogenic: -18.3 kgCO₂/m²
 GWP-luluc: 0.003 kgCO₂/m²



32% Primary raw materials****
 68% Materials from the circular economy:
 24% of which is pre-consumer recycled material,
 34% of which is post-consumer recycled material,
 42% of which is by-products from sawmill industry



Recyclable***



88% material from renewable resources,
 12% material from fossil resources

*EcoFacts may differ from EcoFacts on EGGER-Website due to other calculation bases.
 EcoFacts Circularity and Renewable Resources are based on recipe specific internal calculations.
 **Link to EPD provided in chapter "Relevant Documents"
 ***Chapter "End of Life" describes procedures for possible utilization streams
 ****Wood from sustainable forestry, specifically thinning wood or roundwood that cannot be sawn,
 represents the biggest share in this category.



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Raw Materials & Primary Products

Wood Origin

Our plants are certified according to the standard [ISO 38200:2018](#). Further information about our principles for sustainable forest management and wood purchase can be found in our [Manufacturer Declaration on Sustainable Forestry VRG 229](#), for information on our timber origin please refer to our [Manufacturer Declaration on Timber Origin VRG 270](#).

Upon request, our products can be listed on our sales documents with additional 3rd party certification claims, depending on their availability during production.

Links to the certificates can be found in the [relevant documents for building certificates and ecolabels](#).

Constituent Materials

EGGER PerfectSense Matt Lacquered Particleboards E1E05 TSCA P2 is a composite wood based, UF- and UMF-bonded, UV-lacquered, melamine faced particleboard. The table below contains 99.9% of the primary products, measured by dry weight. Proportions may vary between individual product thicknesses. Listed is the average across all thicknesses and all production plants based on the values from fiscal year 2024. All chemicals have been evaluated and are disclosed down to 1000 ppm.

| Proportion | Function | Composition |
|------------|-------------------------------------|---|
| 87 % | Dry wood chips (core board) | Industrial round wood, sawmill by-products, Pre- and Post-consumer recycling wood |
| 8 % | Glue (core board) | Mix of Urea-Formaldehyde Glue (UF) and Urea-Melamine-Formaldehyde Glue (UMF) |
| 3 % | Decorative surface layer | 39 % decor paper (virgin cellulose, print color) 61 % melamine-formaldehyde resin* |
| < 1 % | Formaldehyde scavenger (core board) | Technical Urea |
| < 1 % | Glue | Isocyanate (MDI)* |
| < 1 % | Lacquer Coating | Acrylic resin (UV curing) |
| < 1 % | Hydrophobing agent (core board) | Wax emulsion |
| < 1 % | Hardener (core board) | Ammonium nitrate / Ammonium sulphate (chloride-free) |

*During the pressing process, the aminoplastic adhesive/MDI hardens fully. Under normal conditions, it is bound to the wood and chemically stable.

Product Emissions and Health Aspect

The product emits formaldehyde and volatile organic compounds from the used wood. During the EGGER PerfectSense Matt Lacquered Particleboards E1E05 TSCA P2's manufacturing processes, heat and pressure is applied in a short cycle press. The used resins are cured in the production process. In the use phase, the product is chemically stable under normal conditions. There are no known health hazards or adverse health effects to be expected under normal conditions, when the product is used as intended.

The product is subjected to annual emission tests within the scope of TÜV PROFiCERT-product Interior surveillance by an independent third party. These tests are done at each plant, thus the TÜV PROFiCERT-product Interior certificates are plant-specific, too. Your local sales person can provide you with the according documentation.

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. For further information and for emission thresholds, please refer to the "Criteria for Allocation Interior", available at the [PROFiCERT-Website](#).

| Requirements | Substance/Indicator | Fulfillment | Requirement Details |
|---|--|-------------|--|
| E1 (E05) | Formaldehyde | ✓ | Formaldehyde class E1, external testing, compliant with REACH already as raw board |
| TSCA Title VI | Formaldehyde | ✓ | U.S. Toxic Substances Control Act, external certification (core board) |
| AgBB 2024 | VOC, Carcinogens | ✓ | Via TÜV PROFiCERT-product interior Standard |
| French VOC regulation, Emission Class A | VOC | ✓ | |
| Belgian VOC Regulation | VOC | ✓ | |
| CAM Italy | VOC, Formaldehyde, Carcinogens, Harmful Substances | ✓ | |
| Austrian Ecolabel, Guideline UZ 07 | VOC | ✓ | |
| DE-UZ 76 (Blue Angel) | VOC, Formaldehyde, Carcinogens, Harmful Substances | ✓ | |

| Requirements | Substance/Indicator | Fulfillment | Requirement Details |
|---|--|-------------|--|
| ChemVerbotsV E1 DE 2020 | VOC, Formaldehyde, Carcinogens, Harmful Substances | ✓ | Additional with TÜV PROFICERT-product interior PREMIUM |
| LEED v4 (Outside of North America) | Formaldehyde | ✓ | |
| BREEAM General Level | VOC, Formaldehyde, Carcinogens | ✓ | |
| QNG Anforderungskatalog 313, Version 1.3 | Formaldehyde, VOC | ✓ | |
| French VOC Regulation, Emission Class A+ | VOC | ✓ | |
| Finnish M1 Classification | VOC | ✓ | |
| DGNB | Formaldehyde, VOC | ✓ | |
| BREEAM Exemplary Level | VOC, Formaldehyde, Carcinogens | ✓ | |
| Austrian Environmental Label, Guideline UZ 07 | VOC | ✓ | |
| CAM Italy (Furniture) | VOC, Formaldehyde, Harmful Substances | ✓ | |

Processing & Use

Safety, Processing and Maintenance Instructions

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).

For further information on safety, processing or maintenance instructions, see:

- [Technical Datasheet](#)
- [Processing Instructions](#)
- [Cleaning and Care Instructions](#)
- Declaration of Performance:

| Product | EGGER Raw Particleboards E1E05 TSCA P2 | EGGER Raw Particleboards E1E05 TSCA P2 |
|---|--|--|
| Recipe | 181 | 191 |
| Declaration of Performance (DoP-Number) | <u>DOP-181</u> | <u>DOP-191</u> |

End of Life – Reuse, Recycling, Incineration

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

In addition to our usual packaging, this product is being delivered with a protective film on its lacquered surface. This specific packaging material has the following waste code:

- 15 01 02 Plastic Packaging

The product is not classified as hazardous waste. Used EGGER PerfectSense Matt Lacquered Particleboards E1E05 TSCA P2 can be classified as glued, laminated waste wood without halogenated compounds in the lamination layer and without wood preservatives. See also the documents available for download at www.egger.com/environment:

- [Manufacturer Declaration on Wood Preservatives](#)
- [Manufacturer Declaration on Halogenated Organic Compounds](#)

| | |
|--------------|---|
| Reuse | During remodeling or at the end of the utilization phase of a building, the product can 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 | 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 particleboards. |
| Incineration | After its utilization phase, the product should be separated and routed to an energetic recovery, due to its high calorific value. 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/fiberboards. |

Compliances and Certifications

Production Plants and their Certifications

The product is manufactured at the following locations. You can find the certifications available for download linked in the column headings of the table below. The plant addresses are available in the [Footnotes](#).

| Plant | Certification Obtained by This Plant or Product | | | | |
|------------|---|---|------------------------------------|---|--|
| | Quality (ISO 9001) | Environment (ISO 14001) | Energy (ISO 50001) | Wood origin (ISO 38200) | TÜV PROFICERT-Product Interior |
| Brilon, DE | ✓ | ✓ | ✓ | ✓ | PREMIUM |

Compliance with Building Certificates

An analysis was carried out for the requirements of the following certificates and we can state that EGGER PerfectSense Matt Lacquered Particleboards E1E05 TSCA P2 is compliant as listed in the tables below. To fulfill some of the requirements of specific building certificates it is necessary to conduct an analysis of all used building products. This means that we cannot ensure the acquiring of points and that an individual assessment is necessary for each project. Also, our product may contribute beyond the listed requirements. If not otherwise mentioned, we can provide you with the necessary documents.

General Information:

Some building certificates, for example LEED v4.1 and WELL v2™ certification schemes, demand third party certification for gathering additional points in some of their optimization credits. At this point our product is **not certified** with the following certifications:

- Cradle to Cradle, Declare, Global Green TAG, Health Product Challenge, Living Product Challenge

In doubt, please refer to the certification program holder themselves.

Please note that our products are not certified or validated in any way by the building certification program holder. Reworking or manipulating the product (e. g. milling, sanding, drilling, coating or lacquering) may change product properties and thus invalidate certificate applicability. Fabricators need to test and certify their reworked or manipulated product on their own.

Click on the desired certificate for easy navigation to detailed information:

- [LEED v4.1](#) ✓
- [WELL v2™](#) ✓
- [CAM Italy](#) ✓
- [QNG](#) ✓
- [DGNB](#) ✓
- [BREEAM International v6](#) ✓
- [Nordic Swan](#) ✓

Relevant Documents for Building Certificates and Ecolabels

Please click on the desired document to be redirected.

| Relevant Documents | LEED | BREEAM | WELL | DGNB | QNG | CAM Italy |
|--|------|--------|------|------|-----|-----------|
| Environmental Product Declaration (EPD) | ✓ | ✓ | | ✓ | ✓ | |
| TÜV PROFiCERT-interior PREMIUM** | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Testing Protocols** | | | | ✓ | ✓ | |
| 3rd Party Wood Certificate* ** | (✓) | (✓) | | (✓) | (✓) | (✓) |
| Certificate ISO 38200:2018 | ✓ | ✓ | | | ✓ | ✓ |
| Technical Datasheet (181, 191) | | | | | ✓ | |
| Cleaning Instructions | | | | | | |
| Processing Instructions | | | | | | |
| Manufacturer Declaration on Timber Origin | ✓ | | | ✓ | ✓ | ✓ |
| Manufacturer Declaration on Sustainable Forestry | | | | | | |
| Manufacturer Declaration Asbestos | | | ✓ | | | |
| Manufacturer Declaration HFR** | | | ✓ | | | |
| Manufacturer Declaration PFAS** | | | ✓ | | | |
| Manufacturer Declaration REACH | ✓ | | | ✓ | ✓ | |
| Manufacturer Declaration Wood Preservative | | | | ✓ | | |
| Manufacturer Declaration on Biocides** | | | | ✓ | ✓ | |
| Manufacturer Declaration RoHS | ✓ | | | | | |

✓ : relevant *depends on bought product ** please contact your sales person for document acquiring or via email: environment@egger.com

Compliance with LEED v4.1

The following table shows all LEED credits which are applicable to the usage of our product. As the 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 [USGBC | U.S. Green Building Council](https://www.usgbc.org/leed-credits).

LEED Projects Outside U.S.

Please note that formaldehyde emission requirements in LEED v4.1 are deviating for projects inside U.S.

LEED v4.1 Requirements for Building Design + Construction (BD + C)

New Construction, Core and Shell, Schools, Retail, Healthcare, Data Centers, Hospitality, Warehouses and Distribution Centers

LEED v4.1 Requirements for Interior Design and Construction (ID + C)

Commercial Interiors, Retail, Hospitality

Please note that reworking or manipulating the product (e. g. milling, sanding, drilling, coating or lacquering) may invalidate the applicability of the following table.

| Credit Category | Credit Name and Description | Product Contribution | Maximum Points |
|------------------------|--|--|----------------|
| Material and Resources | Environmental Product Declaration Option 1: <ul style="list-style-type: none"> Environmental Product Declaration | This product has a verified Environmental Product Declaration (EPD) according to ISO 14025 and EN 15804 + A2. | 1 point |
| | Sourcing of Raw Materials Wood products <ul style="list-style-type: none"> Wood products must be certified by the Forest Stewardship Council® or USGBC-approved equivalent. Recycled content <ul style="list-style-type: none"> Recycled content is the sum of postconsumer recycled content plus one-half of the preconsumer recycled. | The product can be purchased in 3rd party certified qualities on request , e.g. PEFC. Use delivery receipt as evidence document. Please see chapter " Wood Origin " for further information. | 2 points |
| | Material Ingredient Material Inventory <ul style="list-style-type: none"> The manufacturer has published complete content inventory of the product to at least 0.1% (1000ppm). | Please see chapter " Constituent Materials " for content inventory. | 1 point |
| | Low-Emitting Materials VOC Emissions Evaluation Alternative compliance path: <ul style="list-style-type: none"> Compliance with German AgBB Testing and Evaluation Scheme Formaldehyde Emission Evaluation <ul style="list-style-type: none"> Alternative compliance path: Compliance with European E1 | Product complies with the LCI values of the German AgBB Testing and Evaluation scheme. Product is tested per EN 717-1:2014 for formaldehyde emissions and complies with emissions class E1E05. See chapter " Product Emissions & Health Aspects " above for further information. Use the TÜV PROFICERT-product interior certificate as evidence document. | Up to 3 points |

LEED Projects inside U.S.

LEED v4.1 Requirements for Building Design + Construction (BD + C)

New Construction, Core and Shell, Schools, Retail, Healthcare, Data Centers, Hospitality, Warehouses and Distribution Centers

LEED v4.1 Requirements for Interior Design and Construction (ID + C)

Commercial Interiors, Retail, Hospitality

Please note that mechanically manipulating the product (e. g. milling, sanding, drilling) may invalidate the applicability of the following table.

| Credit Category | Credit Name and Description | Product Contribution | Maximum Points |
|------------------------------|---|--|----------------|
| Material and Resources | As the requirements are identical for those for projects outside the U.S., please refer to the table for LEED Projects outside U.S. | | |
| Indoor Environmental Quality | Low-Emitting Materials <ul style="list-style-type: none"> ▪ VOC Emissions Evaluation Product has been tested according to CDPH Standard Method v1.2-2017 ▪ Formaldehyde Emission Evaluation Certified as ultra-low emitting formaldehyde (ULEF), Certified as no added formaldehyde resins (NAF) | The product is not tested in the way these criteria require. | - |
| | | The product does not fulfill ULEF requirements. For core board and decorative surface glue and resins on a formaldehyde base are used. | |

Compliance with WELL Building Standard v2™

EGGER PerfectSense Matt Lacquered Particleboards E1E05 TSCA P2 is compliant with the preconditions for use in WELL v2 certified building. Beyond that the usage of this product may contribute to gathering additional points within the WELL scoring system. As the actually achievable number of points depends on the attributes of all materials used in the building project and further actions by the constructor, we cannot guarantee to obtain the maximum score.

For full requirement terms please see: [Standard | WELL V2](#)

The following table shows all WELL features which are applicable to the usage of our product.

Please note that reworking or manipulating the product (e. g. milling, sanding, drilling, coating or lacquering) may invalidate the applicability of the following table.

| Concept | Feature and Description | Product Contribution | Maximum Points |
|------------------------------------|---|--|----------------|
| X01 Material Restrictions | Part 1: Restrict Asbestos | The product complies with this precondition. Use Manufacturer Declaration – Asbestos for evidence. | Precondition |
| X05 Enhanced Material Restrictions | Part 2: Select Compliant Interior Furnishings and Interior Product Ceiling and wall finishes and demountable wall partitions contain 100ppm by weight or less of the following: <ul style="list-style-type: none"> ▪ Halogenated flame retardants (HFR) ▪ Orthophthalates | The product complies with this requirement. No halogenated flame retardants (HFR) are used in this product. In general, no softening agents are used in the production of fiberboards, in particular phthalates. See chapter " Constituent Materials " above for your documentation. See Manufacturer Declaration on the Use of Halogenated Compounds for evidence. | 1 point |

| Concept | Feature and Description | Product Contribution | Maximum Points |
|----------------------------|---|--|----------------|
| X06 Volatile Compounds | <p>Part 2: Restrict VOC Emissions from Furniture, Architectural and Interior Products</p> <p>Tested per methods and VOC emission threshold established in one of the following:</p> <ul style="list-style-type: none"> CDPH AgBB 2. All Composite wood panels meet one of the following: <ul style="list-style-type: none"> European E1, TSCA, F**** or LEED v4.1 | <p>Product complies with the LCI values of the German AgBB scheme.</p> <p>The product is tested per EN 717-1:2014 for formaldehyde emissions and complies with emissions class E1E05.</p> <p>See chapter “Product Emissions & Health Aspects“ for further information.</p> <p>Use the TÜV PROFICERT-product interior certificate as evidence document.</p> | Up to 4 points |
| X07 Material Transparency | <p>Part 1: Selects Products with Disclosed Ingredients</p> <ul style="list-style-type: none"> h) A manufacturers inventory down to 1000ppm | <p>The product is screened to at least 1000ppm and the manufacturer has provided a publicly available inventory within this document.</p> <p>See chapter “Constituent Materials“ for documentation.</p> | 1 point |
| X08 Materials Optimization | Our product does not participate in any of the listed programs for this requirement. It does not contribute to achieve points. | | 0 points |

BREEAM International New Construction Version 6.0

EGGER PerfectSense Matt Lacquered Particleboards E1E05 TSCA P2 is compliant with the preconditions for use in BREEAM v6.0 certified building and fulfills the emission requirements at exemplary level. Beyond that the usage of this product may contribute to gather additional points within the BREEAM scoring system. As the actually achievable number of points depends on the attributes of all used materials in the building project and further actions by the constructor, we cannot guarantee to obtain the maximum score.

For full requirement terms please see [BREEAM | Sustainable Building Certification](#)

The following table shows all BREEAM features which are applicable to the usage of our product.

Please note that reworking or manipulating the product (e. g. milling, sanding, drilling, coating or lacquering) may invalidate the applicability of the following table.

| Concept | Feature and Description | Product Contribution | Maximum Credits |
|---------------------------|--|--|-----------------|
| Hea 02 Indoor Air Quality | <p>Avoidance of asbestos</p> | <p>The product complies with this prerequisite.</p> <p>See Manufacturer Declaration – Asbestos as evidence.</p> | Prerequisite |
| | <p>Minimizing sources of air pollution – Emissions from building products</p> <p>Exemplary level emission criteria</p> <ul style="list-style-type: none"> ≤ Formaldehyde 0.01 mg/m³ ≤ TVOC 0.3 mg/m³ ≤ TSVOC 0.1 mg/m³ Category 1A and 1B carcinogens 0.001 mg/m³ | <p>Product meets the exemplary level emissions criteria.</p> <p>Use TÜV PROFICERT - product Interior certificate as evidence document.</p> | 2 Credits |
| Mat 01 Life Cycle Impacts | <p>Environmental Product Declarations</p> <p>Products installed by Post-Construction Stage are covered with verified EPD</p> | <p>The product has a verified Environmental Product Declaration (EPD) according to ISO 14025 and EN 15804 + A2.</p> | 1 Credit |

| | | | |
|---|--|---|--------------|
| Mat 03 Responsible Sourcing of Construction Products | All timber based products used on the projects are legally harvested and traded timber. | The product is verified by the ISO 38200:2018 statements. Additionally, the product can be purchased in other 3 rd party certified qualities on request , e.g. PEFC. Use delivery receipt as evidence. See chapter " Wood Origin " for further information. | Prerequisite |
|---|--|---|--------------|

Compliance with DGNB System Version 2023 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 Matt Lacquered Particleboards E1E05 TSCA P2 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. We can therefore not guarantee a score to be obtained through the use of EGGER PerfectSense Matt Lacquered Particleboards E1E05 TSCA P2.

Please note that other criteria are also relevant for the overall rating of the building.

For full requirement terms please see [German Sustainable Building Council | DGNB](#)

Please note that reworking or manipulating the product (e. g. milling, sanding, drilling, coating or lacquering) may invalidate the applicability of the following table.

| Category | Credit Name and Description | Product Contribution | Quality Level |
|---------------------------------------|---|--|---------------------|
| ENV 1.1 Climate Action and Energy | The Building life cycle assessment requires building material data. | The product has a verified Environmental Product Declaration according to ISO 14025 and EN 15804 + A2. | General requirement |
| ENV 1.2 Local Environmental Impact | No chemical wood preservative in the interior. | The product complies with these criteria. Use Manufacturer Declaration Wood Preservatives as evidence. | General requirement |
| | Only product with SVHC ≤ 0.1% used | The product complies with these criteria. See chapter " Constituent Materials " for further information Use Manufacturer Declaration REACH as evidence. | General requirement |
| | Criteria matrix No. 47 – coated and uncoated wood based materials: Particle board, blockboard, veneer panels, fiberboard QS4: <ul style="list-style-type: none"> ▪ DE-UZ 76 or ▪ Formaldehyde ≤ 0.08 ppm | The product complies with these criteria. Use TÜV PROFiCERT-product Interior certificate as evidence. | 4 |
| | Criteria matrix No. 47c – Wood-based materials for floor coverings: MMFs with wood materials QS4: <ul style="list-style-type: none"> ▪ DE-UZ 176 or ▪ Formaldehyde ≤ 0.05 ppm | The product complies with these criteria. Use TÜV PROFiCERT-product Interior certificate as evidence. | 4 |

| | | | |
|--|--|---|---------------------|
| ENV 1.3 Sustainable Resource Extraction | It must be demonstrated that at least 50% (by mass) of the permanently installed wood or wood-based materials originate from certified sustainably managed sources. | The product is verified by the <u>ISO 38200:2018</u> statements. Additionally, the product can be purchased in other 3 rd party certified qualities on request , e.g. PEFC. Use delivery receipt as evidence. See chapter " <u>Wood Origin</u> " for further information. | General requirement |
| TEC 1.6 Circular Construction | ZE01: Contained hazardous substances The product contains SVHC substances >0.1 mass % | See chapter " <u>Constituent Materials</u> " for further information. Use <u>Manufacturer Declaration REACH</u> as evidence. | |
| | ZE02: Post-consumer recycled content | See chapter " <u>Wood Origin</u> " for further information. Use <u>Manufacturer Declaration on Timber Origin</u> as source document. | |
| | ZE04: Proportion of renewable raw materials | See chapter " <u>Constituent Materials</u> " for further information. Use <u>Manufacturer Declaration on Timber Origin</u> as source document. | |
| | ZE05: Biodegradability | The product is not biodegradable. | 0 points |
| | ZE03, ZE06-ZE09 | The application of these credits depend heavily on the product use. In case of doubt, please contact your sales person for additional documents. | |

Compliance with Sustainable Building Certification – QNG (Qualitätssiegel nachhaltiges Gebäude)

EGGER PerfectSense Matt Lacquered Particleboards E1E05 TSCA P2 fulfills the requirements placed on construction products according to the QNG Sustainable Building Certification guidelines. As the actually achievable number of points depends on the attributes of all used materials in the building project and further actions by the constructor, we cannot guarantee to obtain the maximum score.

Please note that other criteria are also relevant for the overall rating of the building.
The QNG guidelines are currently only available in German.

Please note that reworking or manipulating the product (e. g. milling, sanding, drilling, coating or lacquering) may invalidate the applicability of the following table.

| Category | Credit Name and Description | Product Contribution |
|-----------------------------------|---|---|
| Anlage 3: Gebäudeanforderungen | ANF1: Treibhausgas und Primärenergie <ul style="list-style-type: none"> Berechnung Treibhausgasemissionen im Gebäudelebenszyklus maximal 24kg CO₂ Äqu/m²a | The product has a verified <u>Environmental Product Declaration</u> (EPD) according to ISO 14025 and EN 15804 + A2. |
| | ANF2: Nachhaltige Materialgewinnung <ul style="list-style-type: none"> Mindestens 50% der neu eingebaute Hölzer/Holzprodukte und/oder Holzwerkstoffe stammen nachweislich aus nachhaltiger Forstwirtschaft | The product is verified by the <u>ISO 38200:2018</u> statements. Additionally, the product can be purchased in other 3 rd party certified qualities on request , e.g. PEFC. Use delivery receipt as evidence. See chapter " <u>Wood Origin</u> " for further information. |

| | | |
|---|---|--|
| Anhang 3.1.3: Schadstoff- vermeidung in Bauprodukten | 1.1 Übergreifende Anforderung für die Güte des Gebäudes <ul style="list-style-type: none"> Produktokumentation und Deklaration enthaltener SVHC >0,10 % | The product complies with these criteria. See chapter “ <u>Constituent Materials</u> “ for further information Use <u>Manufacturer Declaration REACH</u> as evidence. |
| | 8. Imprägnierungen zum Zweck des chemischen Holzschutzes <ul style="list-style-type: none"> In Innenräumen keine Biozide zugelassen | The product complies with these criteria. Use <u>Manufacturer Declaration on Biocides</u> as evidence. |
| | 9.2 Holzwerkstoffe für den Holzbau und Innenausbau <ul style="list-style-type: none"> Einhaltung AgBB-Schema Formaldehyd ≤ 0,08 ppm Reproduktionstoxische Borverbindungen ≤ 0,10% | The product complies with these criteria. See chapter “ <u>Constituent Materials</u> “ for further information. Use <u>TÜV PROFiCERT-product Interior – certificate</u> and <u>Manufacturer Declaration REACH</u> as evidence. |

Compliance with CAM Italy – Minimal Environmental Criteria for Buildings and Interior Furnishing (Mindestumweltkriterien für Gebäude und Inneneinrichtungen)

The product fulfills the requirements placed on construction products according to the *Mindestumweltkriterien für Gebäude*. The *Mindestumweltkriterien für Gebäude* are currently only available in German and Italian. The analysis is based on the *Ministerialdekret 23. Juni 2022*.

For further information, please go to [Autonome Provinz Bozen - Website und Hinweise - Rechtsvorschriften](#)

Please note that reworking or manipulating the product (e. g. milling, sanding, drilling, coating or lacquering) may invalidate the applicability of the following table.

| Number | Credit Name and Description | Product Contribution |
|---------------|--|---|
| 2.5.1 & 3.2.8 | Emissionen in geschlossenen Räumen (Luftverschmutzung in Innenräumen) Platten für die Innenausstattung Anforderung (Werte nach EN 16516): <ul style="list-style-type: none"> VOC gesamt (28d) <1500 µg/m³ Formaldehyd (28d) <60 µg/m³ Belohnende Punktezahl: <ul style="list-style-type: none"> VOC gesamt (28d) <1000 µg/m³ Formaldehyd (28d) <10 µg/m³ Nachweis: AgBB (Deutschland) | Product meets the emissions criteria. Use <u>TÜV PROFiCERT - product Interior certificate</u> as evidence document. |
| 2.5.6 | Holzprodukte <ul style="list-style-type: none"> Alle im Rahmen des Projekts verwendeten Holzprodukte müssen gemäß den Angaben unter Punkt „a“ des Nachweises aus nachhaltig bewirtschafteten Wäldern stammen. | The product is verified by the <u>ISO 38200:2018</u> statements. Additionally, the product can be purchased in other 3 rd party certified qualities on request , e.g. PEFC. Use delivery receipt as evidence. See chapter “ <u>Wood Origin</u> “ for further information. |
| 4.3.4 | Nachwachsende Rohstoffe | The product can contribute to this criterion via this document. |

Additionally, the product fulfills the requirements placed on interior furnishing according to the *Mindestumweltkriterien für die Lieferung neuer Inneneinrichtungen* (only available in German and Italian, analysis is based on the *Ministerialdekret 23. Juni 2022*). For further information, please go to [Autonome Provinz Bozen - Website und Hinweise - Rechtsvorschriften](#).

Please note that reworking or manipulating the product (e. g. milling, sanding, drilling, coating or lacquering) may invalidate the applicability of the following table.

| Number | Credit Name and Description | Product Contribution |
|--------|---|---|
| 4.1.2 | Schadstoffe in Platten aus recyceltem Holz <ul style="list-style-type: none"> Prüfberichte gemäß den Verfahren laut Anlage A zum „EPF Standard for Delivery Conditions of Recycled Wood“ (2002) | Data concerning these criteria is only available on request. |
| 4.1.3 | Formaldehyd-Emissionen aus Platten Die Formaldehyd-Emissionen fertiger Holzplatten < 50% des Werts der Klasse E1 gemäß Anhang B der Norm UNI EN 13986 <ul style="list-style-type: none"> ≤ 0,062 mg/m³ / ≤ 0,05 ppm (nach EN 717-1) | Product meets the emissions criteria. Use <u>TÜV PROFiCERT - product Interior certificate</u> as evidence document. |
| 4.1.4 | Emission flüchtiger organischer Verbindungen Die Emission flüchtiger organischer Verbindungen (TVOC) aus fertigen Erzeugnissen bzw. einem jeden der Materialien, der Bestandteile oder der Halbfertigerzeugnisse ≤ 500 µg/m ³ (nach EN 16516) | |
| 4.1.5 | Holzprodukte <ul style="list-style-type: none"> Die fertigen Produkte sind aus Holz oder Holzfasern aus nachhaltig bewirtschafteten Wäldern gefertigt oder können auch recycelt sein, bzw. können beide Anteile – nachhaltiges Holz bzw. recyceltes Holz – in variablen Anteilen mit einer Summe von 100% im Produkt enthalten sein. | The product is verified by the <u>ISO 38200:2018</u> statements. Additionally, the product can be purchased in other 3 rd party certified qualities on request , e.g. PEFC. Use delivery receipt as evidence. See chapter " <u>Wood Origin</u> " for further information. |

Compliance with Nordic Swan

The Nordic Swan Ecolabel is a tool for evaluating environmental issues of constructing buildings. The requirements promote resource efficiency, reduced climate impact, a non-toxic circular economy and conservation of biodiversity. They also promote buildings with a good indoor climate and of high quality. The fact that the product has been declared in the Supply Chain Declaration Portal (SCDP) means that specific information about the product has been declared by EGGER. A product may not be used in a Nordic Swan Ecolabel-certified building, until it has been evaluated by an evaluator and appears in the "Declared Items" menu, in the declarant view of the SCDP portal.

Please note that reworking or manipulating the product (e. g. milling, sanding, drilling, coating or lacquering) may invalidate certificate applicability.

The product is a declared item in the Supply Chain Declaration Portal for Furniture and fitments generation 5.

The Swanen-ID for EGGER PerfectSense Matt Lacquered Particleboards E1E05 TSCA P2 is 67823. It is valid for the following plants:

- Brilon, Germany

Footnotes

Plant Addresses

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

List of Abbreviations

| Abbreviation | Meaning |
|--------------|--|
| SVHC | Substance of Very High Concern |
| TSCA | Toxic Substances Control Act |
| HFR | Halogenated Flame Retardants |
| PFAS | Per- and Polyfluoroalkyl Substances |
| EPD | Environmental Product Declaration |
| GWP | Global Warming Potential |
| GWP-Luluc | Global Warming Potential - Land Use and Land Use Change |
| REACH | Regulation Concerning the Registration, Evaluation, Authorization and Restriction of Chemicals |
| VOC | Volatile Organic Compounds |