

# Environmental & Health Datasheet

## EGGER Compact Laminate black core

EGGER Compact Laminates black core are compact laminates according to EN 438-4, respectively EN 438-8 with a black core. The product is used for various furniture and interior design applications.

## Raw Materials & Primary Products

### Wood origin for paper production

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 an applicable certification claim, depending on the availability at the production site. Please inquire availability details from your sales contact.

For 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)“
- “Certificate ISO 38200:2018” (Pdf)
- Further certificates of sustainable wood procurement

### Constituent materials

All constituent materials have been evaluated and are disclosed down to 100 ppm. The table below contains 99,99% of the primary products, measured by weight. Kindly note that proportions may vary between individual product thicknesses. Listed are minimum and maximum proportions across all thicknesses in one production year.

| Proportion |   | Function  | composition  | renewable | recycled |
|------------|---|---|--|-----------|----------|
| 0 - 5      | % | ( <i>applicable for selected variants only</i> ):<br>surface protection layer (both sides):<br>Overlay impregnate | impregnate made of<br>~25% paper (fresh cellulose )<br>~75% curable resin<br>(melamine-formaldehyde )  | ✓<br>-    | -<br>-   |
| 1 - 9      | % | Surface layer (both sides):<br>Decorative impregnate  | impregnate made of<br>~50% decorative paper (fresh cellulose )<br>~50% curable resin<br>(melamine-formaldehyde or<br>urea formaldehyde or<br>melamine-urea-formaldehyde) | ✓<br>-    | -<br>-   |
| 86 - 99    | % | Core layer:<br>Kraft impregnate   | impregnate made of<br>~65% kraft paper (fresh cellulose )<br>~35% black coloured curable resin<br>(phenol-formaldehyde)  | ✓<br>-    | -<br>-   |

|                |                |             |          |                |        |
|----------------|----------------|-------------|----------|----------------|--------|
| Responsible    | Editor         | Valid until | Revision | Classification | Page   |
| Herzog Andreas | Bender Martina | 14.04.2021  | 2        | Public         | 1 of 6 |

## Manufacturing

### Production plants & their certification

The product is manufactured at the following locations. For address, kindly see footnotes at the end of this document. Certifications are available for download at [www.egger.com/environment](http://www.egger.com/environment).

| Plant <sup>1</sup>           | Certifications obtained by this plant |           |           |      |           |
|------------------------------|---------------------------------------|-----------|-----------|------|-----------|
|                              | ISO 9001                              | ISO 14001 | ISO 50001 | EMAS | ISO 38200 |
| St. Johann in Tyrol, Austria | ✓                                     | ✓         | -         | -    | ✓         |

## Product certification

### Product certifications

On request the products can be declared as certified or controlled with official certification claims on the sales document according to:

- ISO 38200:2018
- Further certificates of sustainable wood procurement

To download certificates, see EGGER environmental downloads at [www.egger.com/environment](http://www.egger.com/environment)

## Processing

### Safety

This product is not hazardous in the form in which it is shipped by the manufacturer. Downstream activities (e.g. cutting, milling) may generate dust, which has to be controlled. 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 waste

Processing waste should be routed to an energetic recovery, due to its high calorific value. Upon incineration, observe all locally applicable legal requirements. Contact local authorities for details.

Calorific value: ~ 21 MJ/kg

### Processing instructions

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

- Processing instructions

### Technical data

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

- Product data sheet incl. Technical Data
- Declaration of Performance (DOP)

## Use

### Product emissions & Health aspects

During the manufacturing process, heat and pressure is applied in a short cycle press. All resins cure completely into a solid material. In the use phase, the product is chemically stable under normal conditions. In practice, there are no noteworthy product emissions into the indoor air. In the laboratory, minor amounts of phenol emissions may be detected. There are no known health hazards or health effects to be expected under normal conditions, when the product is used as intended.

The following table contains an overview of test results. The product is subjected to annual tests within the scope of TÜV PROFCERT-product Interior surveillance by an independent third party.

| Substance / indicator                                 | Product has been tested and fulfils emission requirement | Requirement                                | Requirement details <sup>i</sup>  |
|---|--|--|---|
| VOC, Formaldehyde, Carcinogens, Ammonia, Nitrosamines | ✓  | TÜV PROFCERT-product Interior Standard     | Common Label for the Health and Quality Assessment of Interior Products |
| VOC, Carcinogens                                      | ✓  | AgBB 2018                                  | via TÜV PROFCERT (see above)  |
| VOC   | ✓  | French VOC regulation, emission class A    | via TÜV PROFCERT (see above)  |
| VOC   | ✓  | Belgian VOC regulation                     | via TÜV PROFCERT (see above)  |
| VOC, Formaldehyde, Carcinogens                        | ✓  | BREEAM International New Construction 2016 | via TÜV PROFCERT (see above)  |
| Formaldehyde  | ✓  | ChemVerbotsV E1 DE 2020                    | via TÜV PROFCERT (see above)  |
| Formaldehyde  | ✓  | LEED v4 (outside North America)            | via TÜV PROFCERT (see above)  |

### Cleaning & Maintenance

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

- Cleaning and Maintenance Instructions

## End of life – waste treatment

### Maintenance

To maintain the product properties and extend the use phase as long as possible, see document available for download at [www.egger.com](http://www.egger.com)

- Cleaning and Maintenance Instructions

### Reuse

In case of careful deconstruction and proper storage, reuse is possible for the same application or for a different application. Product may not be bonded over its entire surface, in case of a desired reuse. Special care must be taken whether the positioning of the screws be compatible with the next use.

### Recycling – material use

Material recovery is not possible with current technology, in practice.

### Incineration – Energetic use

Product should be collected separately and routed to an energetic recovery, due to its high calorific value. Upon incineration, observe all locally applicable legal requirements. Contact local authorities for details.

Calorific value: ~ 21 MJ/kg

### Disposal

The product is not classified as hazardous waste.

## Compliance with labels & regulations

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

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

Information for 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

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| Production plant             | Address   |
|------------------------------|---|
| St. Johann in Tyrol, Austria | Weiberndorf 20, 6380 St. Johann in Tirol, Austria |

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| Substance  | Norm  | Limit value   | Testing method                        | Accredited testing institute              |
|--|---|---|---------------------------------------|---|
| <ul style="list-style-type: none"> <li>▪ TVOC</li> <li>▪ TSVOC</li> <li>▪ VOC</li> <li>▪ R value</li> <li>▪ Formaldehyde</li> <li>▪ Acetaldehyde</li> <li>▪ Toluol</li> <li>▪ Tetrachlorethylene</li> <li>▪ Xylol</li> <li>▪ 1,4-Dichlorobenzol</li> <li>▪ Styrol</li> <li>▪ Trichlorethylene</li> <li>▪ DEHP</li> <li>▪ DBP</li> <li>▪ Carcinogenic, mutagenic substances and substances toxic to reproduction (EU-category 1A and 1B according to CLP Regulation (EC) No 1272/2008)</li> </ul> | TÜV PROFICERT-product Interior Standard v 1.1<br><br>for details see proficert.de | 1000 µg/ m <sup>3</sup> (28d)<br>100 µg/ m <sup>3</sup> (28d)<br>100 µg/ m <sup>3</sup> (28d)<br>1<br>120 µg/ m <sup>3</sup> (28d)<br>200 µg/ m <sup>3</sup> (28d)<br>300 µg/ m <sup>3</sup> (28d)<br>350 µg/ m <sup>3</sup> (28d)<br>300 µg/ m <sup>3</sup> (28d)<br>90 µg/ m <sup>3</sup> (28d)<br>350 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) | ISO 16000 parts 3, 6, 9, 11/ EN 16516 | TÜV Hessen, Darmstadt (Germany)           |
| <ul style="list-style-type: none"> <li>▪ VOC</li> <li>▪ Carcinogens</li> </ul>   | German AgBB   | covered by TÜV PROFICERT-product Interior   | see TÜV PROFICERT                     | covered by TÜV PROFICERT-product Interior |
| VOC  | French A  | covered by TÜV PROFICERT-product Interior   | see TÜV PROFICERT                     | covered by TÜV PROFICERT-product Interior |
| VOC  | Belgian VOC regulation  | covered by TÜV PROFICERT-product Interior   | see TÜV PROFICERT                     | covered by TÜV PROFICERT-product Interior |
| <ul style="list-style-type: none"> <li>▪ VOC</li> <li>▪ Formaldehyde</li> <li>▪ Carcinogenes</li> </ul>  | BREEAM International, Exemplary Level   | covered by TÜV PROFICERT-product Interior   | see TÜV PROFICERT                     | covered by TÜV PROFICERT-product Interior |
| Formaldehyde   | ChemVerbotsV E1   | see TÜV PROFICERT   | see TÜV                               | covered by TÜV PROFICERT-                 |

|   |                                  |                   |                      |   |
|---|----------------------------------|-------------------|----------------------|---|
|   | DE 2020                          |                   | PROFICERT            | product Interior                              |
| <ul style="list-style-type: none"> <li>▪ Formaldehyde</li> <li>▪ VOC</li> </ul> | LEED v4 outside<br>North America | see TÜV PROFICERT | see TÜV<br>PROFICERT | covered by TÜV PROFICERT-<br>product Interior |