

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

Paper origin

For an up-to-date list of the regional origin and wood species used in the board, kindly see our declaration

- "Manufacturer's Declaration – Timber origins (PDF)" available for download at www.egger.com/environment Column "Material labelling: Compact laminates"

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> surface protection layer (both sides): Overlay impregnate	impregnate made of ~25% paper (fresh cellulose) ~75% curable resin (melamine-formaldehyde)	✓ -	- -
1 - 9	%	Surface layer (both sides): Decorative impregnate	impregnate made of ~50% decorative paper (fresh cellulose) ~50% curable resin (melamine-formaldehyde or urea formaldehyde or melamine-urea-formaldehyde)	✓ -	- -
86 - 99	%	Core layer: Kraft impregnate	impregnate made of ~65% kraft paper (fresh cellulose) ~35% black coloured curable resin (phenol-formaldehyde)	✓ -	- -

Responsible	Editor	Valid until	Revision	Classification	Page
Herzog Andreas	Bühner Moritz	09.01.2020	1	Public	1 of 5

Manufacturing

Production plants & their certification

The product is manufactured at the following location. For address and certification details, kindly see footnotes at the end of this document.

Plant ⁱ	Certifications obtained by this plant ⁱⁱ						Add. info
	ISO 9001	ISO 14001	ISO 50001	EMAS	FSC®	PEFC	
St. Johann in Tyrol, Austria	✓	✓	-	-	✓	✓	-

Product certification

On special order, the product can be certified for the wood chain of custody. The following certifications are available:

- FSC® Controlled Wood
- PEFC Controlled Sources
- PEFC 30% / 70% / 100%

Please get in touch with your EGGER sales contact or local distributor.

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

- Processing instructions

Technical data

See document available for download at 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 has been voluntarily tested by independent third parties, on an irregular basis.

Substance / indicator	Emission class / Requirement / test result	Product has been tested and fulfils requirements?	Testing information / Supervision ⁱⁱⁱ
Formaldehyde	not identified after 28 days	✓	Occasional external testing for voluntary check of compliance with AgBB scheme, last test: 17.12.2015 (AgBB 2012)
Phenol	not identified after 28 days	✓	Occasional external testing for voluntary check of compliance with AgBB scheme, last test: 17.12.2015 (AgBB 2012)
AgBB scheme	all AgBB requirements	✓	Occasional external testing for voluntary check of compliance with AgBB scheme, last test: 17.12.2015 (AgBB 2012)
- TVOC	< 400 ug/m ³ after 28 days	✓	see above
- TSVOC	< 100 ug/m ³ after 28 days	✓	see above
- Carcinogenic substances	< 1 ug/m ³ each single value after 28 days	✓	see above
- Total VOC without LCI	< 100 ug/m ³ after 28 days	✓	see above
- R-value	< 1	✓	see above

Cleaning & Maintenance

See document available for download at 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, kindly see document available for download at 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

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

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

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

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Management Systems / Certifications		Certification body, registration no.
ISO 9001	Quality Management System	Quality Austria, AT-00184/0
ISO 14001	Environmental Management System	Quality Austria, AT-01128/0
ISO 50001	Energy Management System	TÜV Nord, 44 764 141565
FSC®	Chain-of-Custody for Responsible Forestry	SGS Société Générale de Surveillance SA, SGSCH-COC-110039, SGSCH-CW-110039
PEFC	Chain-of-Custody for Sustainable Forestry	SGS Société Générale de Surveillance SA, CH17/0386

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Substance	Emission Class	Limit value	Norm	Supervision institute, contract no. / test report number
Various VOC	AgBB compliance	various	AgBB scheme 2012 (ISO 16000) for details see https://www.umweltbundesamt.de/en/topics/health/commissions-working-groups/committee-for-health-related-evaluation-of-building	institute: WKI test report: QA-2015-2919