











## General product information


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<b>Product</b>	EGGER OSB 3 E0
<b>Contact information</b>	Anwendungstechnische Hotline: +49 3841 301-21260 +49 3841 301-61260 <a href="mailto:bauprodukte@egger.com">bauprodukte@egger.com</a>
<b>Issue date</b>	13/09/2021
<b>SuPIM declaration number</b>	SuPIM-4047
<b>Country/city of production</b>	Germany 23970 Wismar
<b>Useful life in years</b>	50
<b>Product description</b>	EGGER OSB boards (Oriented Strand Boards) are three-layered synthetic resin-bonded wood-based panels made of side-by-side oriented strands (microveneers) according to /EN 300/ "Oriented Strand Boards (OSB)". The orientation of the middle layer is thereby at a 90° angle to the surface layers.
<b>Main ingredients</b>	85-92% absolutely dry wood weight: untreated, debarked roundwood (mainly softwood of the type pine and spruce, hardwood content up to max. 30 percent) 4-6 % water (wood moisture) 3-6% PMDI glue in the surface and core layer Polymeric MDI (Diphenyl methane 4,4'- Di isocyanate) is a polyuria pre-product, which is transformed during the OSB production into polyurethane and polyuria 1% paraffin wax emulsion for hydrophobising
<b>Assigned EPD</b>	EGGER OSB-Platten
<b>EPD declaration number</b>	EPD-EGG-20180107-IBD1-DE
<b>Type of EPD</b>	Average EPD

## Declarations, documentation and labels

Declaration type	Designation	Proof/Link
Corporate Sustainability Report	CSR (Corporate Sustainability Report)	Web link 
Environmental product declaration	EPD (Environmental Product Declaration)	Environmental Product Declaration (EPD) 
Product label	PEFC (on demand)	Web link 
Test certificate	AgBB scheme	Other document *
Manufacturers information	Product does not contain any substances that fulfill the REACH criteria for substances of very high concern (as of: 21/01/2021)	Web link 
Manufacturers information	Certified Environmental Management System (EMS): Wood panel and wood based composite products such as Oriented Strand Board, plywood, HPL, chipboard/particle, glulam, LVL, etc.	Web link 
Manufacturer's notification	Timber Origins	Web link 
Test certificate	DIBt expertise MVVTB	Web link 
Test certificate	TÜV PROFiCERT-product Interior	Other document 
Manufacturer's notification	REACH: Product does not contain any substances in quantities requiring information (0.1% (w/w) that meet the REACH criteria for Substances of Very High Concern (as of 08.07.2021).	Web link 

\* Documentary proof can be requested from the manufacturer.

## Resources, recovery and disposal

	Details	Proof
Use of resources	No use of secondary raw materials	
Recycling and disposal	Energy recovery	Web link 
Remarks	Untreated OSB boards can be used as recycling material for the production of chipboards when collected by type. When neither reuse or material recycling are possible, energy utilisation should be pushed instead of landfilling.	

### European Waste Codes

Transport packaging	
Product packaging	15 01 01, 15 01 02, 15 01 03, 15 01 04
Product: production and installation	03 01 05
Product: end-of-life	17 02 01

## Certification system: DGNB (2018)

### Life cycle assessment of the building (DGNB criterion ENV 1.1)

Environmental impacts of the product: see EPD (EPD-EGG-20180107-IBD1-DE)

Environmental Product Declaration (EPD) [↓](#)

### Risks for the local environment (DGNB criterion ENV 1.2)

No.	Product group	Product type	Emissions group	Quality level (QL)
48	Wood construction: Wood materials for construction such as chipboard, OSB panels, etc. (Factory and building site)	Bracing wood panels on walls, floors and ceilings in wooden houses/wooden structures	Formaldehyde	QL 4, proof by: Other document *

\* Documentary proof can be requested from the manufacturer.

### Responsible resource extraction (DGNB criterion ENV 1.3)

Declaration type	Designation	Proof/Link
Product label	PEFC (on demand)	Web link <a href="#">🔗</a>

### Deconstruction and recyclability (DGNB criterion TEC 1.6)

Ways of recycling and disposal	Quality level	Proof
Energy recovery	Quality level: QL 1	Web link <a href="#">🔗</a>

## Certification system: BNB (2015)

### Environmental impacts/Life Cycle Analysis (BNB criteria 1.1.1 - 1.1.5)

Environmental impacts of the product: see EPD (EPD-EGG-20180107-IBD1-DE)

Environmental Product Declaration (EPD) [↓](#)

### Risks for the local environment (BNB criterion 1.1.6)

Pos.	Emissions group	Product group	Product type	Applications	Quality level (QL)
0	SVHC	All construction products referred to in Annex 1	All	-	QL 4, proof by: <a href="#">Web link</a> <a href="#">↗</a>
41	VOC / Formaldehyde / Hazardous substances	Coated and uncoated wood-based products	Wood-based panels acc. to EN 13986 such as particle board, blockboard, fibreboard, medium-density fibreboard, plywood, solid wood and OSB boards as well as laminated veneer lumber (coated or uncoated)	Wood construction in interior applications and interior design (e.g. dry walls, panelling, built-in furniture etc. except for doors, sanitary partition walls)	QL 4, proof by: Other document *

\* Documentary proof can be requested from the manufacturer.

### Sustainable extraction of materials (BNB criterion 1.1.7)





Declaration type	Designation	Proof/Link
Product label	PEFC (on demand)	<a href="#">Web link</a> <a href="#">↗</a>

### Primary energy requirement (BNB criterion 1.2.1)

Primary energy requirement of the product: see EPD (EPD-EGG-20180107-IBD1-DE)

Environmental Product Declaration (EPD) [↓](#)

### Certification system: LEED (v4)


Type of declaration / Application area	Declarations	Value / proof	LEED credit
Environmental product declaration	EPD	Environmental Product Declaration (EPD) 	MR: Building product disclosure and optimization - environmental product declarations
Test certificate	AgBB scheme	Other document *	EQ: Low-emitting materials
Manufacturers information	REACH	Web link 	MR: Building product disclosure and optimization - material ingredients
Corporate Sustainability Report	CSR	Web link 	MR: Building product disclosure and optimization - sourcing of raw materials
Product label	PEFC (on demand)	Web link 	MR: Building product disclosure and optimization - sourcing of raw materials

MR certificate: Materials and Resources, EQ certificate: Indoor Environmental Quality, SS certificate: Sustainable Sites

\* Documentary proof can be requested from the manufacturer.

## Certification system: BREEAM International New Construction 2016 / BREEAM DE Neubau 2018

### Indoor air quality (Hea 02)



Product type	Emission limit	Fulfilled testing requirements	Classification
Wood-based products (including wood flooring)	Formaldehyde = 0.06 mg/m <sup>3</sup> (non-MDF), = 0.08 mg/m <sup>3</sup> (MDF) TVOC = 1.0 mg/m <sup>3</sup> Category 1A and 1B carcinogens = 0.001 mg/m <sup>3</sup>	ISO 16000-9 or EN 16516 or CDPH Standard Method v1.1 or EN 717-1 (formaldehyde emissions only)	Basic quality Proof by: Other document 

### Environmental impacts material (Mat 01)

Certified environmental product declaration compliant to ISO 14025 and also EN 15804 or ISO 21930:  
see EPD (EPD-EGG-20180107-IBD1-DE)

Environmental Product Declaration (EPD) 

### Responsible material procurement (Mat 03)

Declaration type	Designation	Proof/Link
Product label	PEFC (on demand)	Web link 
Manufacturers information	Certified Environmental Management System (EMS): Wood panel and wood based composite products such as Oriented Strand Board, plywood, HPL, chipboard/particle, glulam, LVL, etc.	Web link 

Documentary proofs not available as a download link in this document can be requested from the manufacturer.

### Disclaimer

The conformity of the manufacturer's declaration with the underlying information and evidence has been verified by the IBU. The manufacturer is liable for the correctness of the given data and documents.