


## General product information




Manufacturer	<b>DORMA Hüppe Raumtrennsysteme GmbH</b> Industriestraße 5 26655 Westerstede/ Ocholt Germany Mail: <a href="mailto:info-hueppe@dormakaba.com">info-hueppe@dormakaba.com</a> Web: <a href="http://www.dorma-hueppe.com">www.dorma-hueppe.com</a>
	
Product	Variflex 88/100 Movable Wall System
Contact information	DORMA Hüppe Raumtrennsysteme GmbH Industriestraße 5 26655 Westerstede/ Ocholt Germany
Issue date	25.09.2024
SuPIM declaration number	SuPIM-4160
Country/city of production	Germany 26655 Westerstede
Useful life in years	25 (Other document <a href="#">📄</a> )
Product description	The VARIFLEX 88/100 room partition system is a horizontally movable, sound insulated partition wall system made of steel and aluminum, comprising individual elements which can be moved independently. A wide variety of design options is possible. The cover panels are acoustically self-supporting. An element height of up to 14.5 meters can be realised.
Main ingredients	Particle board 50%, Bitumen foil 21%, Steel 17%, Aluminum 5%, Glass Wool 2%, Plastics 3%, Cast Zinc 1%, Paper 1%.
Assigned EPD	VARIFLEX 88/100 Movable Wall System
EPD declaration number	EPD-DHR-20240217-IBA1-EN
Type of EPD	Specific EPD

## Declarations, documentation and labels

Declaration type	Designation	Proof/Link
Corporate Sustainability Report	CSR (Corporate Sustainability Report)	Web link <a href="#">🔗</a>
Environmental product declaration	EPD (Environmental Product Declaration)	Environmental Product Declaration (EPD) <a href="#">📄</a>
Health Product Declaration	HPD (Health Product Declaration)	Manufacturer declaration <a href="#">📄</a>
Product label	FSC	Environmental label <a href="#">📄</a>

Declaration type	Designation	Proof/Link
Product label	Certificates comparable to FSC or PEFC or individual certificates if evidence has been provided that the FSC or PEFC criteria applicable to the country of origin are met	Environmental label <a href="#">↓</a>
Test certificate	AgBB scheme	Proof of emissions <a href="#">↓</a>
Manufacturers information	Product does not contain any substances that fulfill the REACH criteria for substances of very high concern. (as of: 11.07.2024)	Declaration of performance <a href="#">↓</a>
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.	Manufacturer declaration <a href="#">↓</a>
Manufacturer's notification	ISO 9001 Quality Management System	Manufacturer declaration <a href="#">↓</a>
Manufacturer's notification	Green Electricity Certificate	Manufacturer declaration <a href="#">↓</a>
Manufacturer's notification	Green Gas Certificate	Manufacturer declaration <a href="#">↓</a>
Manufacturer's notification	Health Product Declaration Variflex Glass	Other document <a href="#">↓</a>
Manufacturer's notification	Ecovadis Sustainability Rating Gold	Manufacturer declaration <a href="#">↓</a>
Manufacturer's notification	Sustainability Brochure Variflex	Manufacturer declaration <a href="#">↓</a>

## Resources, recovery and disposal

	Details	Proof
Use of resources	Use of secondary raw materials	Environmental Product Declaration (EPD) 
Recycling and disposal	Material recovery	Environmental Product Declaration (EPD) 
	Energy recovery	Environmental Product Declaration (EPD) 

## European Waste Codes

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

## Certification system: DGNB New Construction (2018)

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

Environmental impacts of the product: see EPD (EPD-DHR-20240217-IBA1-EN)

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

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

No.	Product group	Product type	Emissions group	Quality level (QL)
47a	Industrially manufactured products Serial products / finished products made of wood-based materials in interiors, such as: As chipboard, OSB boards, MDF boards (Factory)	Interior doors made of wood-based material, room acoustic elements, room-inroom systems, panelling on walls and ceilings, multilayer parquet, multilayer laminates, etc	Formaldehyde	QL 1, proof by: Proof of emissions <a href="#">↓</a> QL 2, proof by: Proof of emissions <a href="#">↓</a> QL 3, proof by: Proof of emissions <a href="#">↓</a> QL 4, proof by: Proof of emissions <a href="#">↓</a>
47b	Coated and uncoated wood materials: chipboard, block board, veneer boards, fibreboard (Factory and building site)	Joiner's products for artisanal installations: panelling on walls and ceilings, washbasins	Formaldehyde	QL 1, proof by: Proof of emissions <a href="#">↓</a> QL 2, proof by: Proof of emissions <a href="#">↓</a> QL 3, proof by: Proof of emissions <a href="#">↓</a> QL 4, proof by: Proof of emissions <a href="#">↓</a>

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

Declaration type	Designation	Proof/Link
Product label	FSC	Environmental label <a href="#">↓</a>

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

Ways of recycling and disposal	Quality level	Proof
Material recovery	Qualitätsstufe: QS 2	Environmental Product Declaration (EPD) <a href="#">↓</a>
Energy recovery	Qualitätsstufe: QS 1	Environmental Product Declaration (EPD) <a href="#">↓</a>

## Certification system: BNB Buildings (2015)

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

Environmental impacts of the product: see EPD (EPD-DHR-20240217-IBA1-EN)

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 1, proof by: Declaration of performance * QL 2, proof by: Declaration of performance * QL 3, proof by: Declaration of performance * QL 4, proof by: Declaration of performance * QL 5, proof by: Declaration of performance *

\* Documentary proof can be requested from the manufacturer.

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








Declaration type	Designation	Proof/Link
Product label	FSC	Environmental label <a href="#">↓</a>
Product label	Certificates comparable to FSC or PEFC or individual certificates if evidence has been provided that the FSC or PEFC criteria applicable to the country of origin are met	Environmental label <a href="#">↓</a>

### Primary energy requirement (BNB criterion 1.2.1)

Primary energy requirement of the product: see EPD (EPD-DHR-20240217-IBA1-EN)

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

**Certification system: LEED BD+C (v4)**

Type of declaration / Application area	Declarations	Value / proof	LEED credit
Health Product Declaration	HPD	Manufacturer declaration 	MR: Building product disclosure and optimization - material ingredients
Environmental product declaration	EPD	Environmental Product Declaration (EPD) 	MR: Building product disclosure and optimization - environmental product declarations
Test certificate	AgBB scheme	Proof of emissions 	EQ: Low-emitting materials
Manufacturers information	REACH	Declaration of performance 	MR: Building product disclosure and optimization - material ingredients
Product label	FSC	Environmental label 	MR: Environmentally preferable products
Corporate Sustainability Report	CSR	Web link 	MR: Building product disclosure and optimization - sourcing of raw materials
Exterior applied products	VOC emissions (Healthcare and schools)	0,021 mg/m <sup>3</sup> Proof of emissions 	EQ: Low-emitting materials

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

## 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: Proof of emissions <a href="#">↓</a>

### Environmental impacts material (Mat 01)

Certified environmental product declaration compliant to ISO 14025 and also EN 15804 or ISO 21930:

see EPD (EPD-DHR-20240217-IBA1-EN)

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

### Responsible material procurement (Mat 03)

Declaration type	Designation	Proof/Link
Product label	FSC	Environmental label <a href="#">↓</a>
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.	Manufacturer declaration <a href="#">↓</a>

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.