Note on English translation / Hinweise zur englischen Fassung
This is a translation of the product data sheet valid in Germany.
All stated details and properties are in compliance with the regulations of the German standards and building regulations. They are only applicable for the specified products, system components, application rules, and construction details in connection with the specifications of the respective certificates and approvals.
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GIFAfloor NEO

Flooring Systems
K8425_DSP.de

Raised access floor panels

Product Data Sheet *08/2026*



Product Description

GIFAfloor NEO are surface-primed, ready-to-install gypsum fibre boards for use as load-bearing elements in raised floor systems. The monolithic Boards are made of a homogeneous gypsum fibre material. Due to the high strength of the GIFAtec material, slender base layers can be implemented in raised floor systems. Common processes from wood-based panel processing can be used for processing.

Storage

GIFAfloor NEO should be stored in a dry place and protected from the weather.

Quality

In accordance with EN 12825, the product is subject to initial testing as well as permanent factory production control and bears a CE mark.

Properties and added value

- Non-combustible A1, acc. to EN 13501-1
- High adhesive tensile strength ≥ 1,0 N/mm²
- High surface hardness ≥ 40 N/mm²
- Low thickness tolerance ≤ ± 0,2 mm
- High durability ≥ 100.000 load cycles
- Good processing properties
- Meets the requirements of the AgBB scheme for VOC emissions
- Tested and recommended in accordance with IBR test criteria

GEV-EMICODE EC 1 PLUS Very low emission

Build on us.

Technical Data

Description	GIFAfloor NEO	Unit	Standard
Reaction to fire	A1 (non-combustible)	–	EN 13501-1
Edge profile	VK		EN 15283-2
Density	1600 ± 5%	kg/m³	EN 15283-2
Dimensional tolerance – width	+2.0 / -0.5	mm	Internal specification
Dimensional tolerance – length	+2.0 / -0.5		
Dimensional tolerance – thickness	+0.2 / -0.2		EN 15283-2
Dimensional tolerance – panel twist	≤ 1.0		EN 12825
Dimensional tolerance – straightness of edges	+0.6 / -0.6		
Dimensional tolerance – straightness of diagonals	+1.0 / -1.0		
Dimensional tolerance – squareness	≤ 1.2		Internal specification
Surface hardness (Brinell)	≥ 40	N/mm²	Internal specification
Adhesive tensile strength	≥ 1.0		EN 13892-8
Specific heat capacity *c*	> 1000	J/(kg·K)	–
Design thermal conductivity *λ*	0.56	W/(m·K)	DIN EN ISO 10456
Thermal resistance R_{10}	0.0906	(m²·K)/W	EN 12664
Thermal expansion coefficient *α*	$12.9 \cdot 10^{-6}$	1/K	–
Change in length with temperature change	≤ 0.02	mm/(m·K)	Internal specification
Change in length with change in rel. humidity by 30 % at 20 °C	≤ 0.6	mm/m	
Hygrothermal installation conditions (steady state)	+10 °C to +35 °C approx. 45 – 75 % rel. humidity	–	
Hygrothermal service conditions (steady state)	-10 °C to +35 °C approx. 35 – 75 % rel. humidity		
Water vapour diffusion resistance factor μ dry / wet	10 / 4	–	DIN EN ISO 10456
Surface water absorption (Cobb test)	< 300	g/m²	EN 15283-2
Flexural strength	≥ 10	N/mm²	EN 15283-2
Earth leakage resistance	≥ 10^7	Ω	EN 1081
Durability under vertical dynamic loading at maximum working load	≥ 100,000	Load cycles	prEN 13964

Product range

Description	Width	Length	Thickness	Breaking load	Packaging unit		Article number	EAN
	mm	mm	mm	N	pcs/pal	kg/pal		
GIFAfloor NEO 30	600	600	30	≥ 4000	50	934	612087	4003982426734
GIFAfloor NEO 36			36	≥ 6000		1118	629409	4003982456991
GIFAfloor NEO 40			40	≥ 8000	40	995	629413	4003982457011
GIFAfloor NEO 34R			34	–	Piece	–	518872	4003982406880
GIFAfloor NEO 42R			42				518875	4003982406910

Breaking load values were determined using steel cylinders (Ø 90 mm), a panel test grid size of 600 x 600 mm and a 25 x 25 mm test stamp, at the weakest point of the panel edge. Pallet weight includes 16 kg for the pallet.

Sustainability and environment

Short description	Note	Value	Unit
AgBB-Scheme	Version 2024	Complies	–
French emissions class	Version modified in 2012	A+	–
EPD - Environmental Product Declaration	Institut Bauen und Umwelt e.V. (IBU)	EPD-KNA-20220092-CAB1-EN EPD-KNA-20220093-CAB1-EN EPD-KNA-20220094-CAB1-EN	–
FDES - Environmental Product Declaration	Inies	20260450319 20260450320 20260450321	–
EU Taxonomy	(EU) 2023/2486 Anhang II Section 3.1 and 3.2 and (EU) 2021/2139 section 7.1 and 7.2, Chemistry Appendix C	Complies	–
EMICODE	EC 1^{PLUS}	Complies	–
Eurofins	Indoor Air Comfort Gold®	Complies	–
DGNB New Construction Version 2018	ENV 1.2	Not relevant	–
DGNB New Construction Version 2023	ENV 1.2	Not relevant	–
QNG Version 2023	Annex 3.1.3	Not relevant	–
BREEAM Neubau	International New Constuction v7.0 (2025) (HEA / Indoor Air Quality)	Exemplary Level	–
LEED	v4.1 BETA (November 2025) (Low-Emitting Materials)	Complies	–
WELL v2	WELL v2, Q2 2025	Complies	–
SVHC	Substances of very high concern gem. REACH ≤ 0,1 weight percent	Complies	–
Recycling Share Pre-Consumer (Median)	–	approx. 35	%
Recycling Share Post-Consumer (Median)	–	approx. 10	%



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