
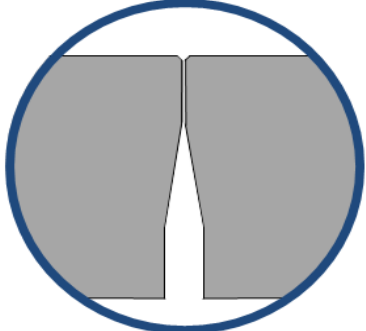



GIFAfloor DB 30 green

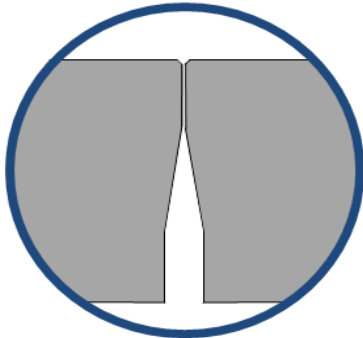
Material:	gypsum fibre boards	The panels are made of gypsum (natural gypsum and FDG-gypsum), of cellulose (sorted recycled paper and card board) and water. The manufacturing process is unique in the world. The use of plastics (edge trim) and adhesives is deliberately omitted from the DBgreen panels.
Density	≥ 1.600 kg/m³	
Dimension:	600x600 mm	
Thickness:	30 mm	
Weight: (without structure)	app. 48,30 kg/m²	
Building material class:	A1 non-combustible acc. EN 13501-1	
Miscellaneous	All over primer (incl. edges) to bind the dust and to reduce water absorption	
environmental compatibility	harmless acc. IBR-Document and EUROFINS-Certificate	

Values of the system		
Load bearing capacity:	2 kN point load acc. EN 12825	
Breaking load:	≥ 4 kN	
Deflection class:	A acc. EN 12825 (< 2,5 mm)	
Hard body test	acc. EN 12825 passed	
Fire resistance class:	REI 30 acc. EN 13501-2	
Structure: floor height > 500 mm	Steel pedestals (M16; M20) stringers are required	
Accousisal behavior:*	acc.. EN ISO 140	* Values determined with DB 30 R (with edge trimm)
Standardized flanking sound value differenz:	~ 49 [dB] without covering	
Weighted normalized flanking impact sound pressure level: L_{n,f,w,P}	~ 50 [dB] with covering VM 26 [dB]	
Reduction in impact sound pressure level ΔL_{w,P}	~ 71 [dB] without covering	
	~ 49 [dB] with covering VM 26 [dB]	
Resistance to earth:	~ 14 [dB] without covering	
	~ 26 [dB] with covering VM 26 [dB]	
	≥ 10⁷ Ω acc. EN 1081	

Application area:	well suited for the use as raised access floors with loose laid carpets or for access openings in dry hollow floor systems acc. EN 13213.
Hygrothermal installation conditions (stationary)	+ 10° to + 35°C; 45 to 75% rel. air humidity
Hygrothermal using conditions (stationary)	- 10° to + 35°C; 35 to 75% rel. air humidity


GIFAfloor DB 36 green

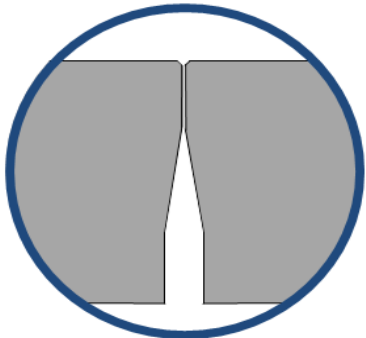
Material:	gypsum fibre boards	The panels are made of gypsum (natural gypsum and FDG-gypsum), of cellulose (sorted recycled paper and card board) and water. The manufacturing process is unique in the world. The use of plastics (edge trim) and adhesives is deliberately omitted from the DBgreen panels.
Density	≥ 1.600 kg/m³	
Dimension:	600x600 mm	
Thickness:	36 mm	
Weight: (without structure)	app. 58,00 kg/m²	
Building material class:	A1 non-combustible acc. EN 13501-1	
Miscellaneous	All over primer (incl. edges) to bind the dust and to reduce water absorption	
environmental compatibility	harmless acc. IBR-Document and EUROFINS-Certificate	

Values of the system		
Load bearing capacity:	3 kN point load acc. EN 12825	
Breaking load:	≥ 6 kN	
Deflection class:	A acc. EN 12825 (< 2,5 mm)	
Hard body test	acc. EN 12825 passed	
Fire resistance class:	REI 30 acc. EN 13501-2	
Structure: floor height > 500 mm	Steel pedestals (M16; M20) stringers are required	
Accousisal behavior:*	acc.. EN ISO 140	* Values determined with DB 36 R with edge trimm
Standardized flanking sound value differenz:	~ 51 [dB] without covering	
Weighted normalized flanking impact soud pressure level: L_{n,f,w,P}	~ 52 [dB] with covering VM 26 [dB]	
Reduction in impact sound pressure level ΔL_{w,P}	~ 69 [dB] without covering	
	~ 47 [dB] with covering VM 26 [dB]	
	~ 13 [dB] without covering	
	~ 24 [dB] with covering VM 26 [dB]	
Resistance to earth:	≥ 10⁷ Ω acc. EN 1081	

Application area:	well suited for the use as raised access floors with loose laid carpets or for access openings in dry hollow floor systems acc. EN 13213.
Hygrothermal installation conditions (stationary)	+ 10° to + 35°C; 45 to 75% rel. air humidity
Hygrothermal using conditions (stationary)	- 10° to + 35°C; 35 to 75% rel. air humidity

GIFAfloor DB 40 green

Material:	gypsum fibre boards	The panels are made of gypsum (natural gypsum and FDG-gypsum), of cellulose (sorted recycled paper and card board) and water. The manufacturing process is unique in the world. The use of plastics (edge trim) and adhesives is deliberately omitted from the DBgreen panels.
Density	≥ 1.600 kg/m³	
Dimension:	600x600 mm	
Thickness:	40 mm	
Weight: (without structure)	app. 64,50 kg/m²	
Building material class:	A1 non-combustible acc. EN 13501-1	
Miscellaneous	All over primer (incl. edges) to bind the dust and to reduce water absorption	
environmental compatibility	harmless acc. IBR-Document and EUROFINS-Certificate	

Values of the system		
Load bearing capacity:	4 kN point load acc. EN 12825	
Breaking load:	≥ 8 kN	
Deflection class:	A acc. EN 12825 (< 2,5 mm)	
Hard body test	acc. EN 12825 passed	
Fire resistance class:	REI 30 acc. EN 13501-2	
Structure: floor height > 500 mm	Steel pedestals (M16; M20) stringers are required	
Accousisal behavior:*	acc.. EN ISO 140	* Values determined with DB 40 R (with edge trimm)
Standardized flanking sound value differenz:	~ 49 [dB] without covering	
Weighted normalized flanking impact soud pressure level: L_{n,f,w,P}	~ 49 [dB] with covering VM 26 [dB]	
Reduction in impact sound pressure level ΔL_{w,P}	~ 70 [dB] without covering	
	~ 46 [dB] with covering VM 26 [dB]	
	~ 15 [dB] without covering	
	~ 24 [dB] with covering VM 26 [dB]	
Resistance to earth:	≥ 10⁷ Ω acc. EN 1081	

Application area:	well suited for the use as raised access floors with loose laid carpets or for access openings in dry hollow floor systems acc. EN 13213.
Hygrothermal installation conditions (stationary)	+ 10° to + 35°C; 45 to 75% rel. air humidity
Hygrothermal using conditions (stationary)	- 10° to + 35°C; 35 to 75% rel. air humidity