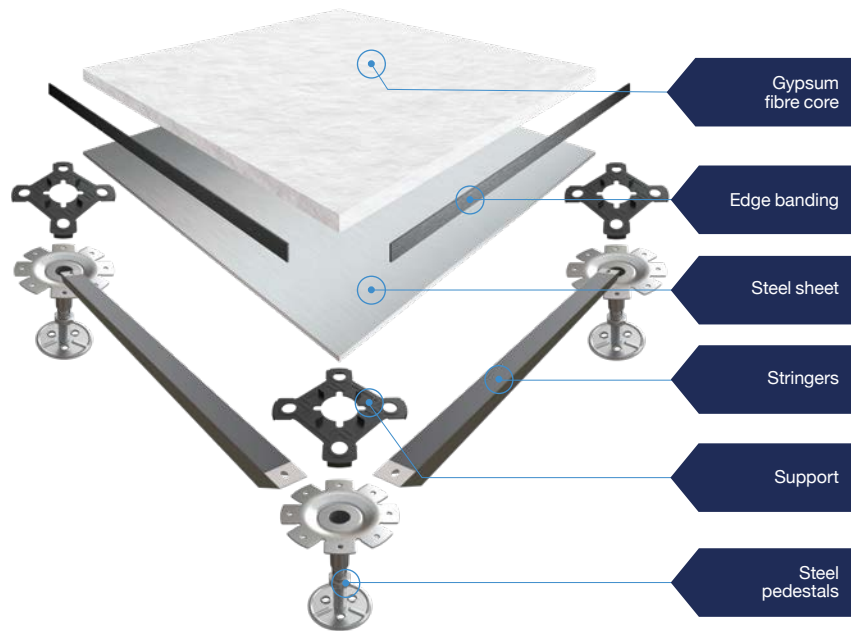


38Bt-DB

ELEMENT CLASS 5

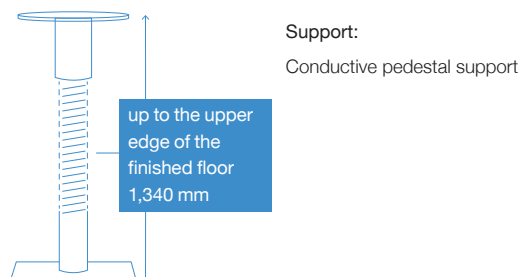
The Tate Caso raised access floor system consists of high-quality floor panels with a highly compressed gypsum fibre core and a circumferential edge protection banding. A steel sheet is applied to the underside of the panel, which contributes to increasing the load-bearing capacity. In conjunction with an appropriately sized substructure, this raised floor system achieves the technical values described below.



Panels	
Thickness	approx. 38.5 mm
Weight per panel	approx. 22 kg
Dimensions	600 mm x 600 mm
Core material	high-density mineral gypsum fibreboard
Building material class	A1/A2
Edge banding	circumferential
Panel face	surface coverings suitable for raised access floors, e.g. homogeneous vinyl, linoleum, HPL, are installed ex works
Panel bottom	Steel sheet

Substructures

Optional or system-related stringers/cross bars as well as pedestal dimensions of at least M16 or to suit the required installation height.



Statics according to EN 12825:2002

Ultimate load	10 kN	12 kN
Working load	5 kN	6 kN
Safety factor	2,0	2,0
Deflection class	A	B

Fire protection according to DIN 4102-2: 1977

Fire-resistance class	F30 up to clear heights of 1,250 mm depending on the substructure used
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Sound insulation according to DIN EN ISO 10848:2018 and EN ISO 140: 2005

	without covering	with covering
Standard impact sound level ($L_{n,w}$)	63 dB	49-54 dB
Impact sound reduction ($\Delta L_{w,P}$)	13 dB	21-26 dB
Weighted sound reduction index (R_w)	61 dB	62-63 dB
Standard edge sound difference ($D_{n,f,w,P}$)	50 dB	50 dB
Standard edge impact sound level ($L_{n,f,w,P}$)	67 dB	47 dB

Note: Depending on the covering used, the sound values may differ. According to the manufacturer's specifications, the impact sound reduction resulting from the floor coverings ranges between ΔL_w : 18-30 dB. If you require detailed information regarding the sound values, please feel free to contact the technical department.



Please scan the QR code or click [here](#) to go to the current product page.



Tate.®

Tate Global GmbH

Zum Stadion 4, 63808 Haibach, Germany

T: +49 (0) 6021 63949-0 E: infoDE@tateglobal.com W: tateglobal.com/de

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Tate Global GmbH reserves the right to amend or add to the product specifications without prior notice as part of our commitment to continuous improvements and the observance of legal changes.

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