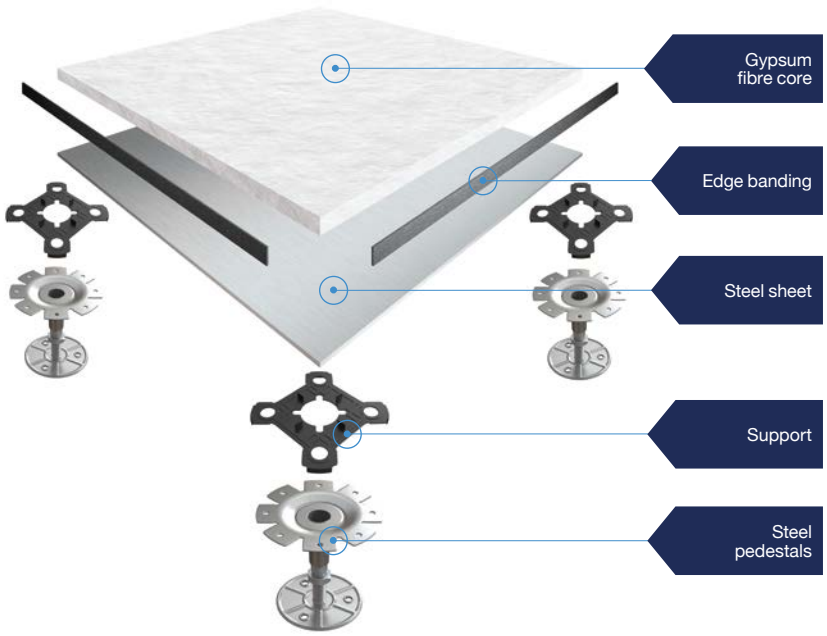
CASO
DIN EN 12825: 2002

34B-DB

ELEMENT CLASS 2&3

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.



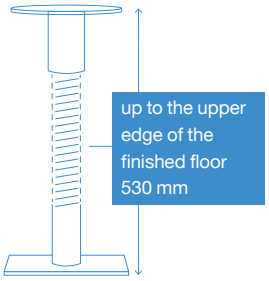
Panels	
Thickness	approx. 34,5 mm
Weight per panel	approx. 21,5 kg
Dimensions	600 mm x 600 mm
Core material	high-density mineral gypsum fibreboard
Building material class	A1/A2
Edge banding	circumferential
Panel face	surface coverings suitable for raised access floors, e.g. homogeneous vinyl, linoleum, HPL, are installed ex works
Panel bottom	Steel sheet

Statics according to EN 12825:2002		
Ultimate load	6 kN	8kN
Working load	3 kN	4kN
Safety factor	2,0	2,0
Deflection class	A	B
Pedestal	M16/SG3&M16-SR3	M16/SG5
FFH	565 mm	285 mm

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

Substructures

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



Support:

Conductive pedestal support

M16/SG3&SR3 until 3 kN working load

M16/SG5 until 4 kN working load

Sound insulation according to DIN EN ISO 10848:2018 and EN ISO 140: 2005	without covering	with covering
Standard impact sound level (Ln,w)	63 dB	47-54 dB
Impact sound reduction (ΔLw,P)	13 dB	21-28 dB
Weighted sound reduction index (Rw)	62 dB	62-63 dB
Standard edge sound difference (Dn,f,w,P)	49 dB	50 dB
Standard edge impact sound level (Ln,f,w,P)	68 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 ΔLw: 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.

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