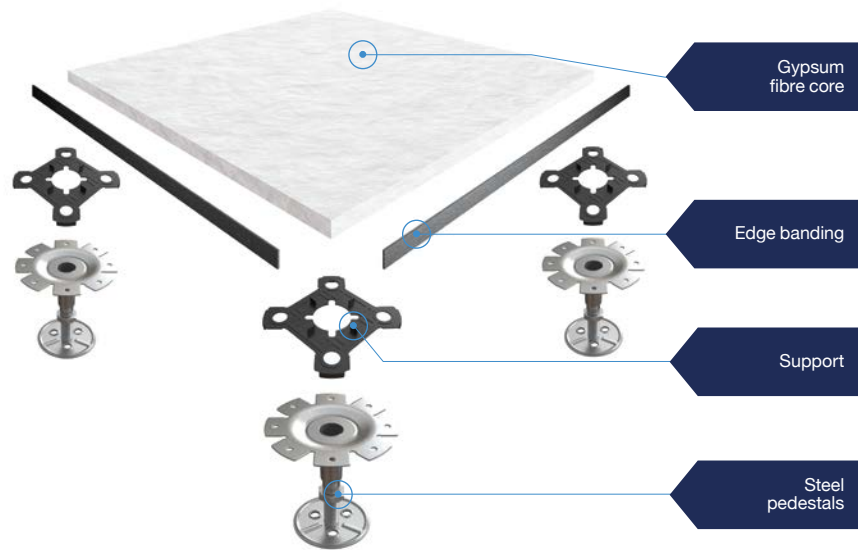


# 30-DB

## ELEMENT CLASS 1

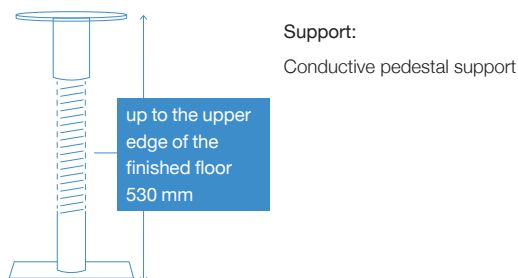
The Tate Caso raised access floor system consists of high-quality floor panels with a highly compressed gypsum fibre core and a circumferential edge protection banding. In conjunction with an appropriately sized substructure, this raised floor system achieves the technical values described below.



Panels	
Thickness	30 mm
Weight per panel	approx. 17,7 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	-

### 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	> 4 kN
Working load	2 kN
Safety factor	2,0
Deflection class	A

### 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
Impact sound reduction ( $\Delta L_{w,P}$ )	15 dB	27 dB
Weighted sound reduction index ( $R_w$ )	66 dB	
Standard edge sound difference ( $D_{n,f,w,P}$ )	49 dB	50 dB
Standard edge impact sound level ( $L_{n,f,w,P}$ )	71 dB	48 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  $\Delta L_w$ : 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.**

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