

CASO FIX

DIN EN 13213: 2001



DGNB
Deutsche Gesellschaft für Nachhaltiges Bauen
German Sustainable Building Council



ZFK25

LOAD CLASS 2

Our Tate Caso Fix dry cavity floor system consists of individual elements measuring 600 x 600 mm. During the systems' development, the focus was not only on the technical characteristics but also the ease of installation and problem-free handling on the construction site. All Tate Caso Fix dry cavity floor panels are delivered on small pallets that have a 600 x 660 mm format and a maximum weight of 700 kg.

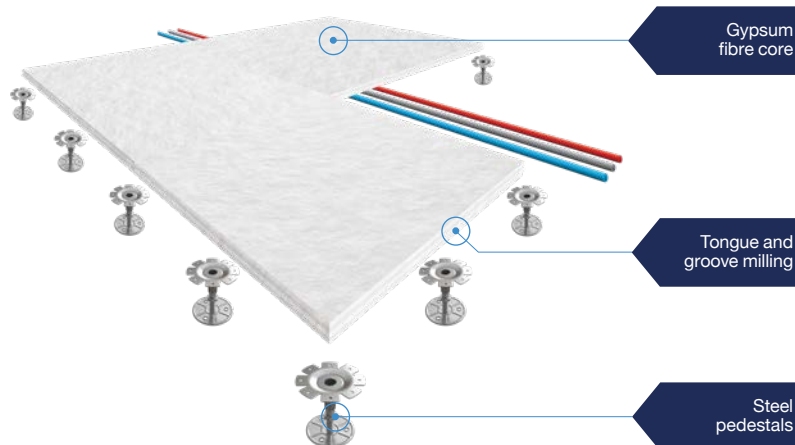


Panels	
Thickness	25 mm
Dimensions	600 mm x 600 mm
Material	High-density gypsum fibre core

Substructures	
Galvanised steel pedestals from the	
F series up to	200 mm
DN series up to	500 mm
SR6 series up to	750 mm
Pedestal layout	See page 2

Statics according to DIN EN 13213: 2001	
Load class	2
Working load	3 kN
Safety factor	2,0

Fire protection according to DIN 4102-2: 1977	
Building material class	non-flammable
Fire-resistance class	F30 up to clear heights of 750 mm



Sound insulation according to DIN EN ISO 10140: 2021 and DIN EN ISO 10848: 2018

Impact sound reduction (Vertical) [$\Delta L_{w,P}$]

Without covering	*8 dB
With covering	*20 dB
without sound pad without covering	12 dB
without sound pad with covering	23 dB

Impact sound reduction (Horizontal) [$L_{n,f,w,P}$]

Without covering	*42 dB
With covering	*46 dB

Airborne sound reduction [$D_{n,f,w,P}$]

Without covering	*91 dB
With covering	*57 dB

Note:

It should be noted that the use of sound pads can impact the system's rigidity. As a result, limitations with regard to the aforementioned load capacity must be taken into account.

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.

*Sound pad diameter $\varnothing 100 \times 2$ mm



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

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