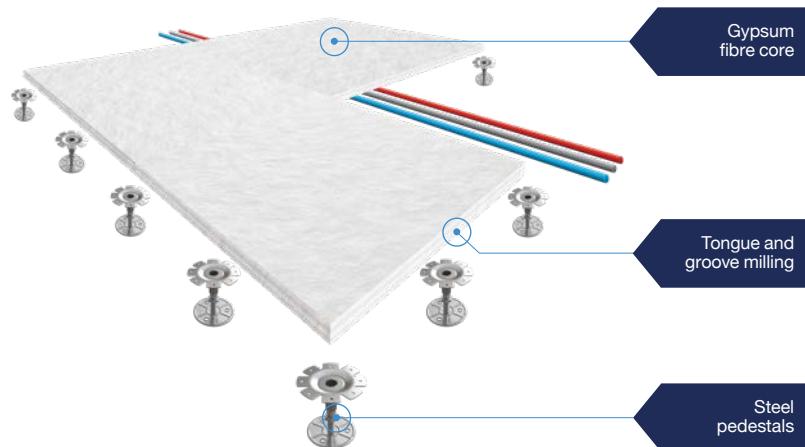


# ZFK25

## 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) [ $\Delta L_{n,f,w,P}$ ]

Without covering	*42 dB
With covering	*46 dB

#### Airborne sound reduction [ $\Delta L_{n,f,w,P}$ ]

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  $\Delta L_{w}$ : 18–30 dB. If you require detailed information regarding the sound values, please feel free to contact the technical department.

\*Sound pad diameter Ø100 x 2 mm



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

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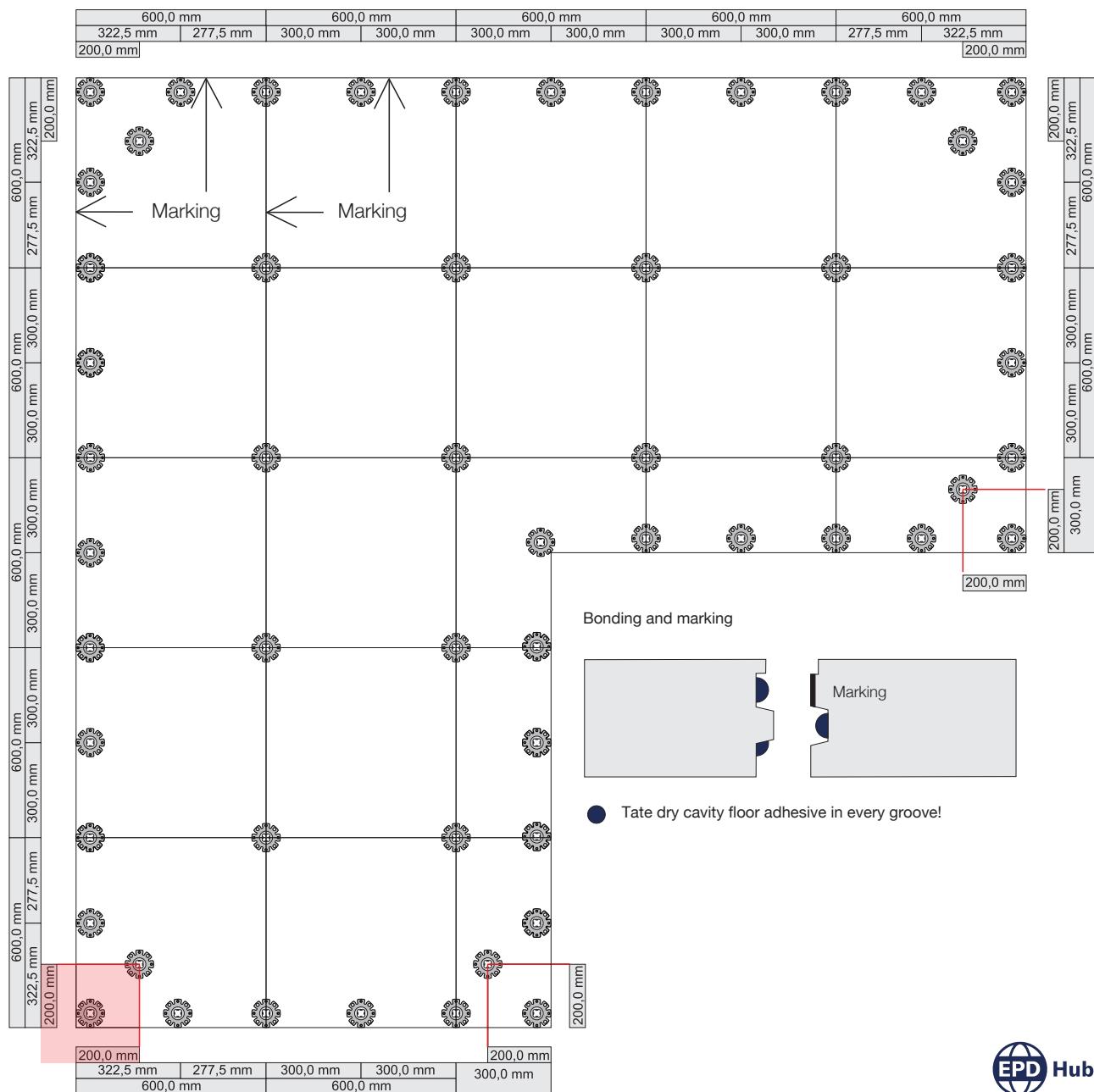
Zum Stadion 4, 63808 Haibach, Germany  
T: +49 (0) 6021 63949-0 E: [infoDE@tateglobal.com](mailto:infoDE@tateglobal.com) W: [tateglobal.com/de](http://tateglobal.com/de)

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ZFK25



### Pedestal layout:

Care must be taken to ensure that the corner pedestals are positioned at a distance of 200 mm from the centre of the pedestal head to both edge joints. This positioning must be strictly observed.

System panel layout: since the panels have an edge, it is not obvious at first glance whether the positive or negative side is facing upwards. Therefore, a black line has been added to the panels. This line is present on two of the four sides, thereby creating a virtual tongue and groove system. These markings are always found on the top section of the panel and thus indicate the panel's face side. If the installation is started in the upper left corner, position the panel in such a way that the markings sit on the left- and topmost edge and touch the connecting walls. The panel can be pushed directly up against the required edge insulation strip (mineral wool is mandatory if F30 is required) without the need to cut down the edge. Thereafter, it is possible to proceed with the installation according to the same principle.

Tate

Tate Global GmbH

Zum Stadion 4, 63808 Haibach, Germany

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

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