

ZFK40 Acoustic

LOAD CLASS 5

Our Tate Caso Fix dry cavity floor system consists of individual elements measuring 600 x 600 mm. Sound pads made of rubber granulate are used on the pedestal heads, which leads to improved sound values. 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.

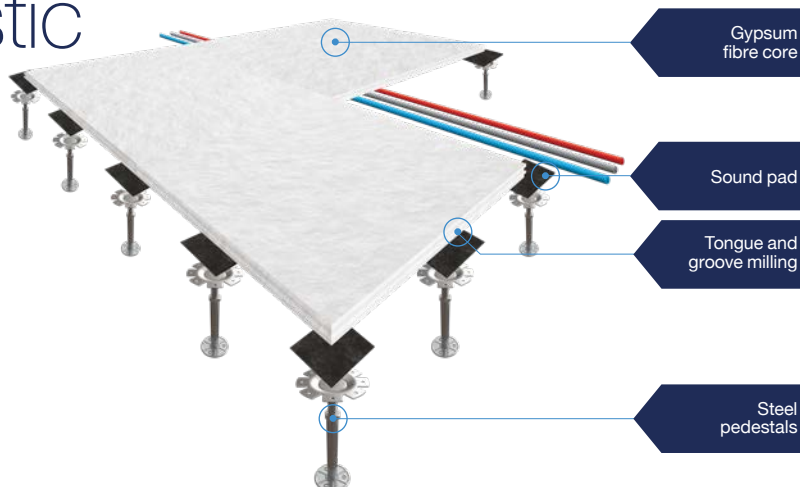


Panels	
Thickness	40 mm
Dimensions	600 mm x 600 mm
Material	High-density gypsum fibre core

Substructures	
Galvanised steel pedestals from the	
Pedestal layout	See page 2
SR3 series up to	510 mm
Sound pad	100 x 100 x 6 mm

Statics according to DIN EN 13213: 2001	
Load class	5
Working load	5 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 300 mm



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

Normalised impact sound pressure[Ln,w]

with sound pad without covering	*52 dB
with sound pad with covering	*38-45 dB

Impact sound reduction (Vertical)[ΔLw,P]

with sound pad without covering	*24 dB
with sound pad with covering	*31-38 dB

Impact sound reduction (Horizontal)[Ln,f,w,P]

with sound pad without covering	*84 dB
with sound pad with covering	*47-56 dB

Airborne sound reduction[Dn,f,w,P]

with sound pad without covering	*46 dB
with sound pad with covering	*46-48 dB

* Sound pad 100 x 100 x 6 mm

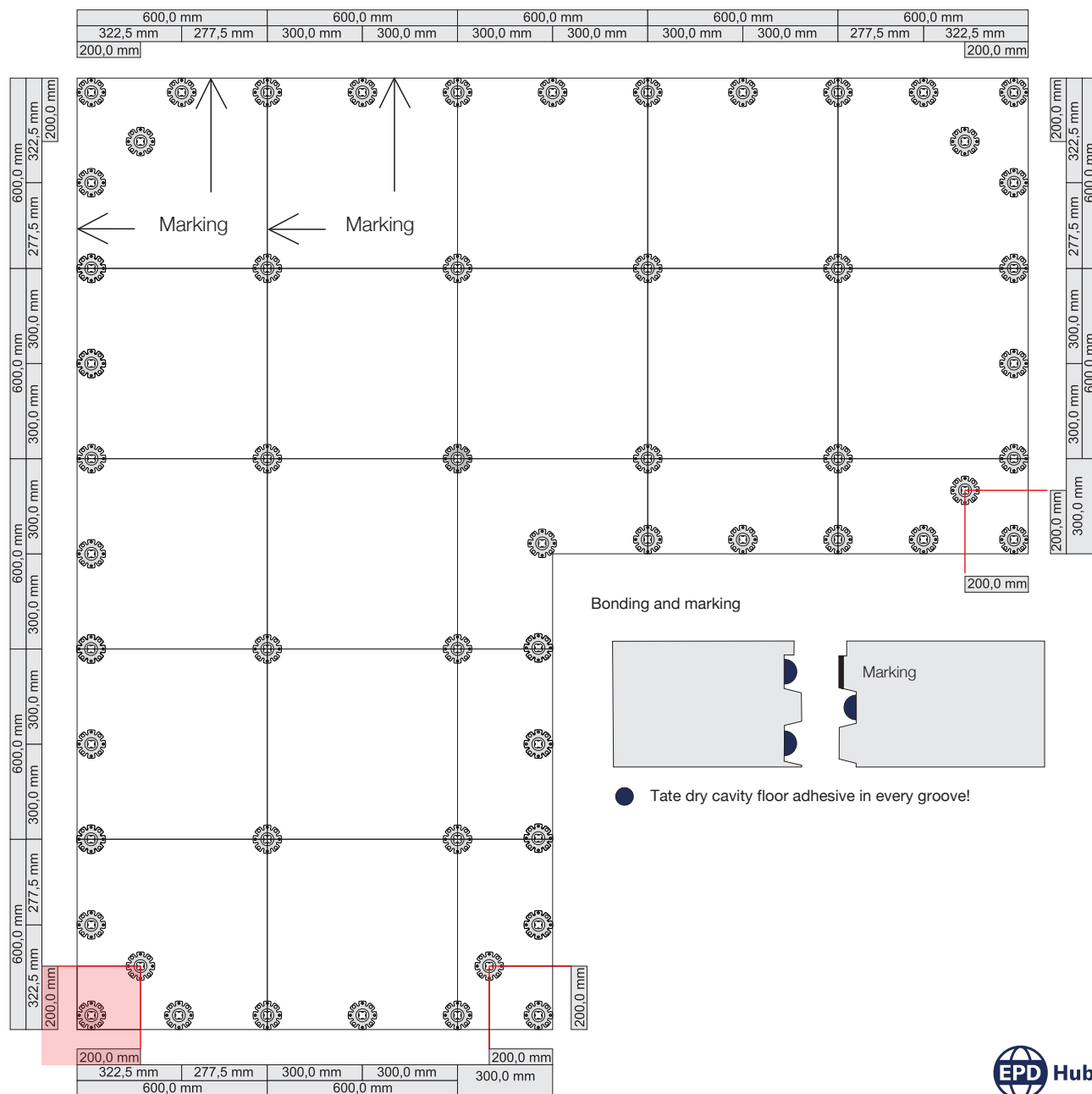
Note:

Sound values may differ depending on the covering. According to the manufacturer, reduction in footfall sound for the coverings lies between ΔLw: 18–30 dB. If you require detailed information on sound values, please do contact the Technical department.



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

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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.