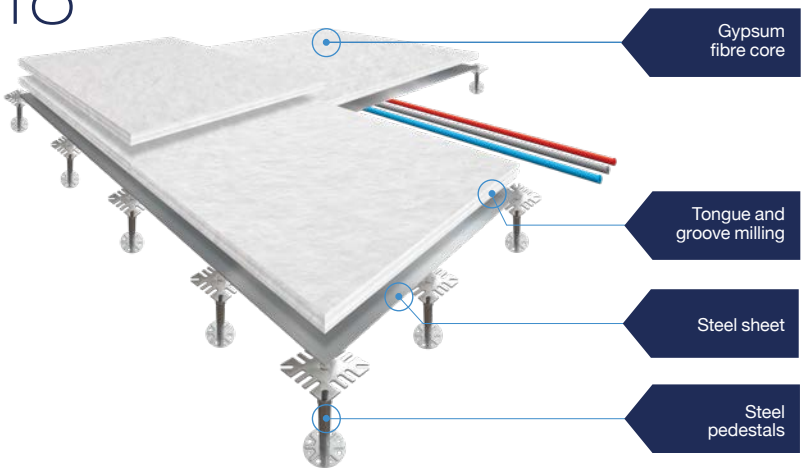
CASO FIX
DIN EN 13213: 2001

ZFK40B+LEP18

LOAD CLASS 6

Our Tate Caso Fix dry cavity floor system consists of individual elements measuring 600 x 600 mm with a steel sheet applied to the underside. 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.



EPD Hub

Panels	
Thickness	40,4 mm (inc. steel sheet) + 18 mm
Dimensions	600 mm x 600 mm
Material	High-density gypsum fibre core

Substructures	
Galvanised steel pedestals from the	
SSP series up to	500 mm (tube24/2)+ transfer tube
Pedestal layout	See page 2

Statics according to EN 13213:2001 & application guideline	
Load class	6
Working load	19 kN (50x50 mm stamp)
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 insultation according to DIN EN ISO 10140: 2021 and DIN EN ISO 10848: 2018	
Impact sound reduction (Vertical) [ΔLw,P]	
with sound pad without covering	*18 dB
with sound pad with covering	*28 dB
without sound pad without covering	11 dB
without sound pad with covering	18 dB
Impact sound reduction (Horizontal) [Ln,f,w,P]	
with sound pad without covering	*83 dB
with sound pad with covering	*54 dB
Airborne sound reduction [Dn,f,w,P]	
with sound pad without covering	*44 dB
with sound pad with covering	*42 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 ΔLw: 18–30 dB. If you require detailed information regarding the sound values, please feel free to contact the technical department.

* Sound pad diameter 120x120x2mm

Please scan the QR code or click here to go to the current product page.

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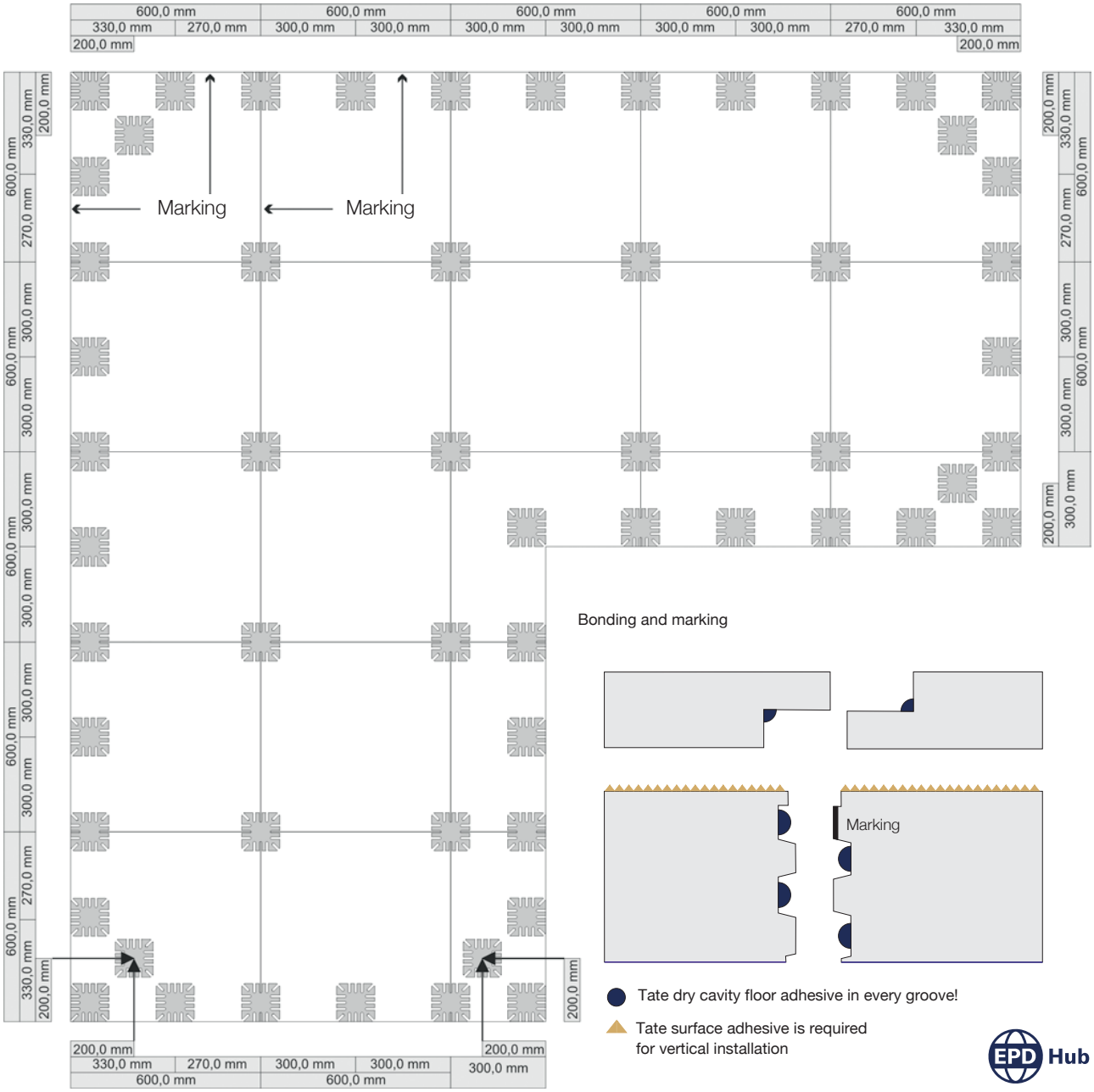

Pedestal layout: Care must be taken to ensure that the corner pedestals are positioned at a distance of 200 mm from the centre of the pedestal head to both edge joints. This positioning must be strictly observed.

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.

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