

# CASO FIX

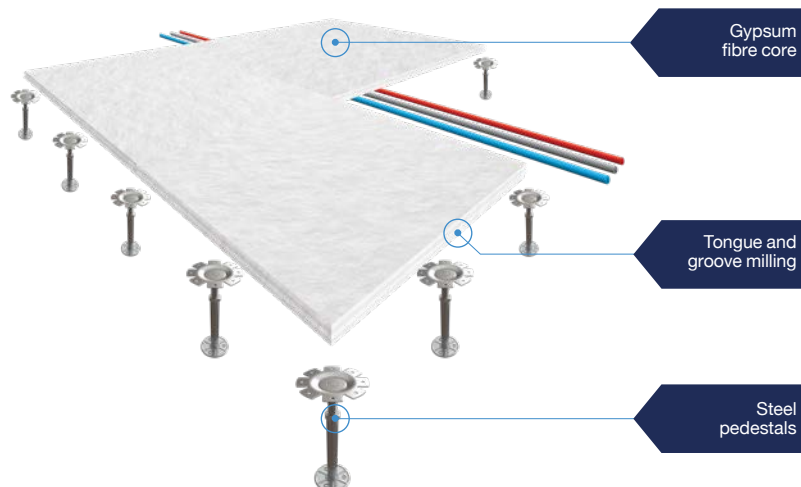
## DIN EN 13213: 2001



# ZFK30

## LOAD CLASS 5

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  | 30 mm                          |
| Dimensions | 600 mm x 600 mm                |
| Material   | High-density gypsum fibre core |

| Substructures                       |            |
|-------------------------------------|------------|
| Galvanised steel pedestals from the |            |
| F series up to                      | 190 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                              | 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 750 mm |

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

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

|                                 |         |
|---------------------------------|---------|
| no sound pad or covering        | 9 dB    |
| no sound pad but with covering  | 19 dB   |
| with sound pad without covering | **13 dB |
| with sound pad with covering    | **24 dB |

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

|                                 |        |
|---------------------------------|--------|
| with sound pad without covering | 90* dB |
| with sound pad with covering    | 56* dB |

### Standard side level difference [ $D_{n,f,w,P}$ ]

|                                 |        |
|---------------------------------|--------|
| with sound pad without covering | *43 dB |
| with sound pad with covering    | *45 dB |

\*Interpolation value with sound pad  $\varnothing$  100 x 2 mm

\*\* Sound pad  $\varnothing$  100 x 2 mm

Note:

Sound values may differ depending on the covering. According to the manufacturer, reduction in footfall sound for the coverings lies between  $\Delta L_w$ : 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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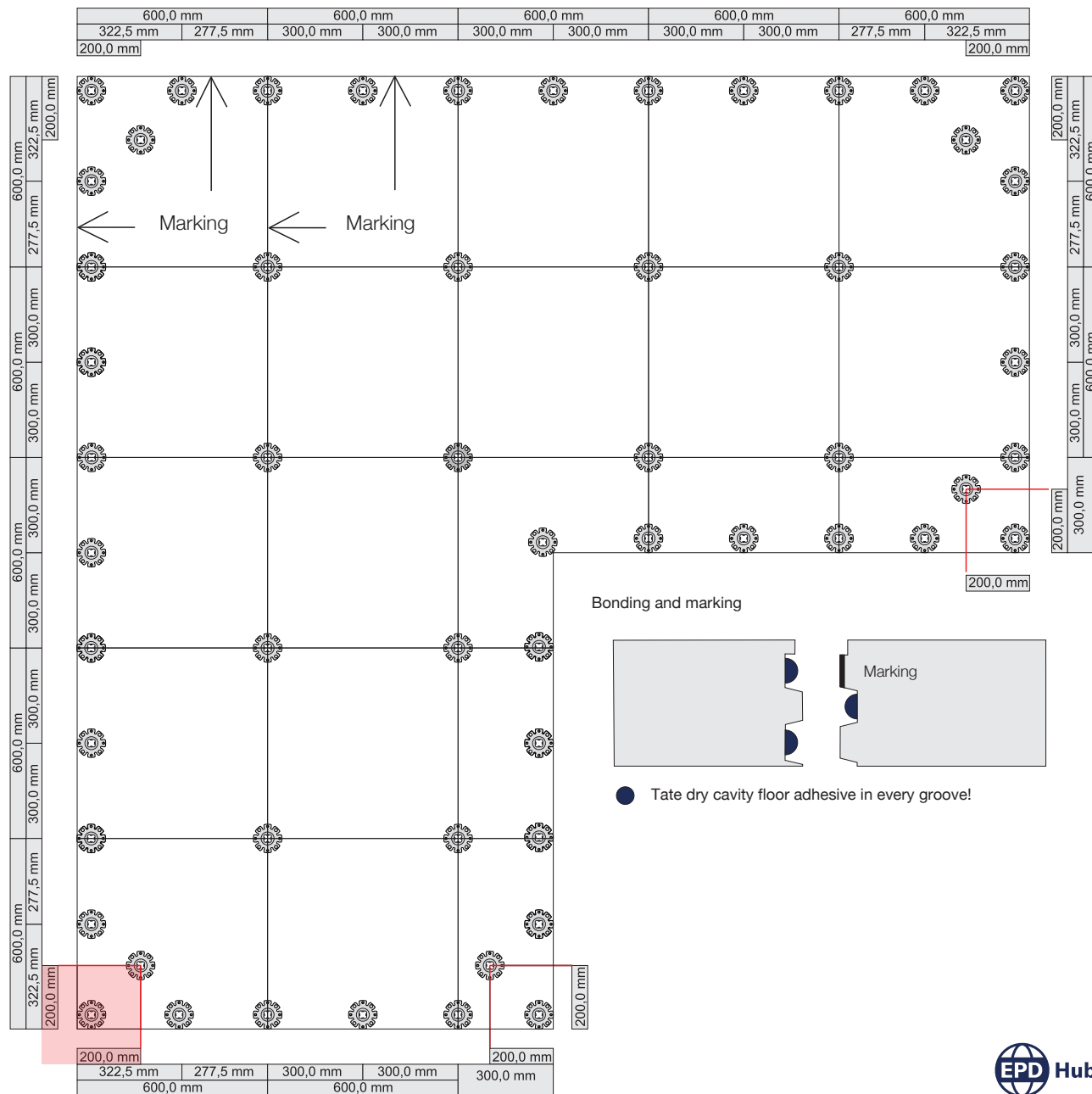
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# ZFK30



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.