

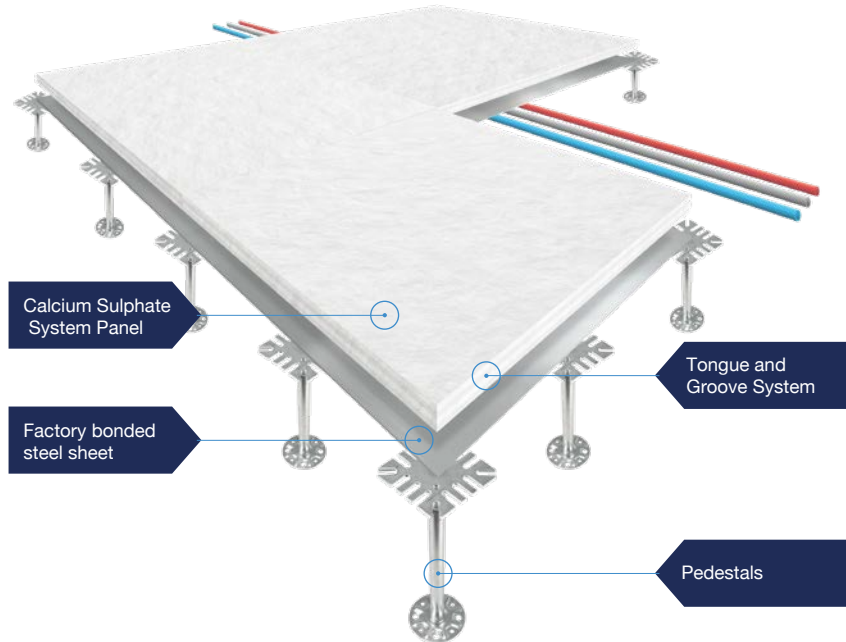


HOLLOW FLOOR 40B

The Tate Hollow Floor 40B System consists of 600 x 600mm panels with single layer thickness of 40.4mm. ^

The Hollow Floor 40B systems offer excellent performance in use and are designed for ease of assembly and installation when on site.

All Tate Hollow Floor System panels are supplied on small pallets (600 x 600 mm) with a maximum weight of 700 kg.



Panels	
Thickness:	40.4 mm
Dimensions:	600 x 600 mm
Core Material:	Calcium Sulphate

Load Capacity DIN EN 13213	
Load Class:	6
Working Load:	12.5 kN
Safety Factor:	2

Fire Protection DIN 4102	
Building Material Class 4102-1: non-combustible	
Fire resistance class:	F30 to a clearance
DIN4102-2:1977-09	height of 750mm

Understructure	
Galvanized pedestals of the:	
SSP-Range:	750 mm (26/3 Tube)
Pedestal layout:	See Page 2

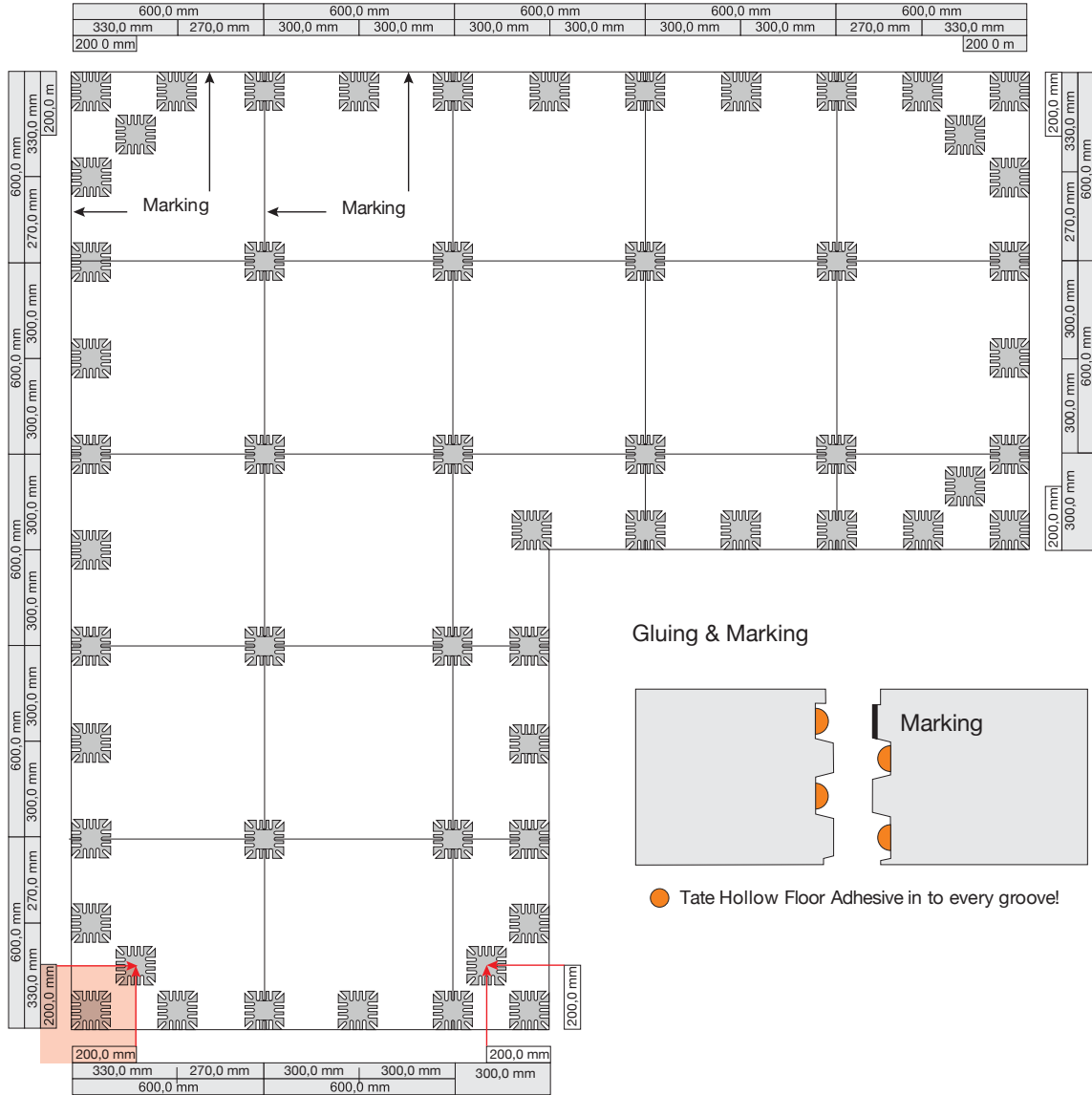
Acoustics EN ISO140	
Impact sound reduction (Vertical) ΔL_{wP}	
without support pad, without cover:	8 dB
without support pad with VM 23 dB covering:	18 dB
with 2mm support pad, without cover:	14 dB*
with 2mm support pad and VM 23 dB covering:	27 dB*
Airborne Sound Reduction D_{nfwP}	
with support pad, without cover:	44 dB*
with support pad, without cover + cut:	53 dB*
with 2mm support pad, with VM 24 dB cover:	42 dB*
with 2mm support pad, with VM 24 dB cover:	52 dB*
Impact sound reduction (Horizontal) L_{nfwP}	
with support pad, without cover:	88 dB*
with support pad, without cover + cut:	68 dB*
with 2mm support pad, with VM 24 dB cover:	54 dB*
with 2mm support pad with VM 24 dB + cut:	43 dB*

Please note: The use of additional sound-proofing measures (e.g. insulating pads) may result in a reduction of the above mentioned working load.

*Support pad: 2mm PGR cork-1 rubber granulate

^Available in thicknesses 30mm, 40 and 40.4mm

Pedestal arrangement: You must ensure that corner pedestals have a 200 mm gap at both edge connections, calculated from the centre of the pedestal head.



System panel arrangement: Panels are supplied with a groove on two sides, visible as a black line to create a virtual tongue and groove system. This mark is always in the upper part of the panel, indicating the upper side of the panel. When installation is started in the left corner, the two black marks on the left and top of the panel point towards the connecting walls. The panel should be pushed directly against the required edge band without trimming the tongue chamfer (Product No: 87004700 is a mandatory requirement for fire resistance class F30). Installation can then continue using this same principle.