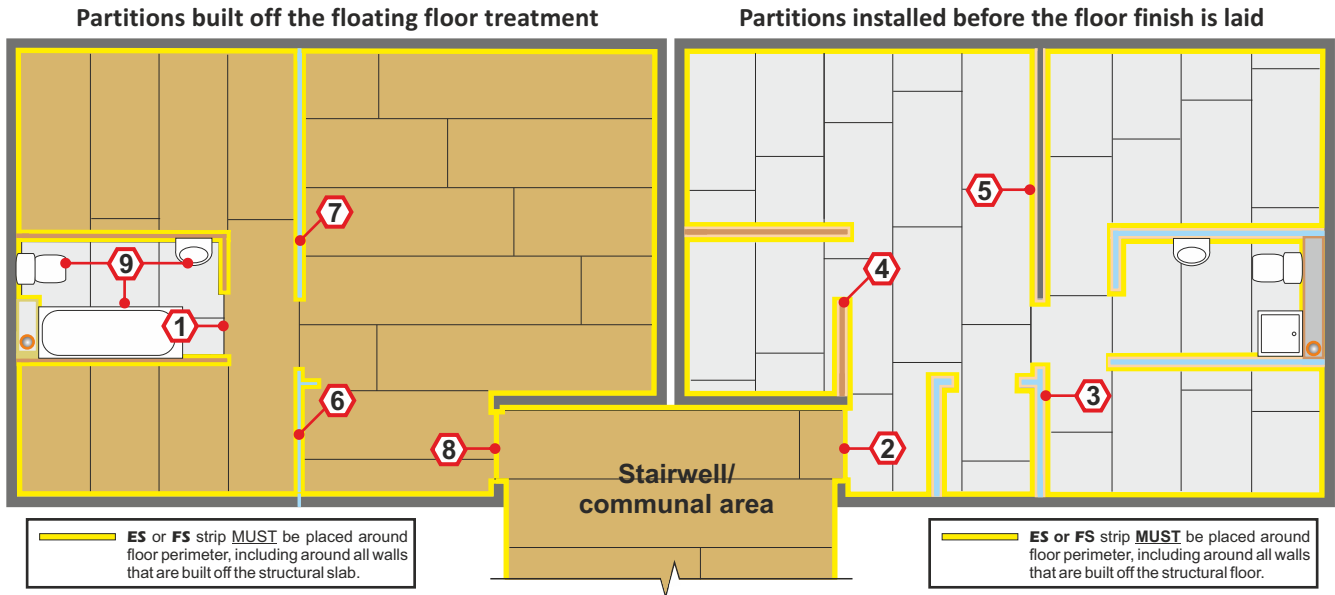


# Design & installation details - Robust detail FFT1, 2, 3, 4 and 5

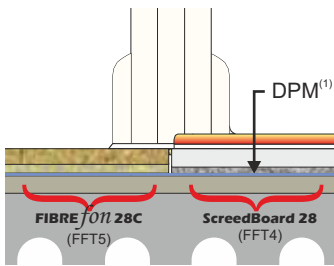
The acoustic performance of the floor will be compromised if the floating floor treatment is not completely isolated from the structural slab, soil pipes, door frames, the surrounding walls and their treatments. To address this risk, each potential problem area needs to be detailed accordingly.



ES or FS strip **MUST** be placed around floor perimeter, including around all walls that are built off the structural slab.

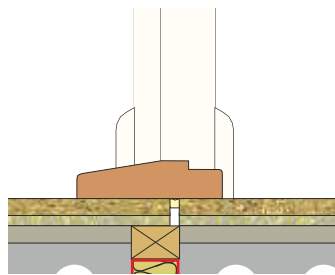
ES or FS strip **MUST** be placed around floor perimeter, including around all walls that are built off the structural floor.

**1** Junction detail: Non-tiled area meeting a tiled area



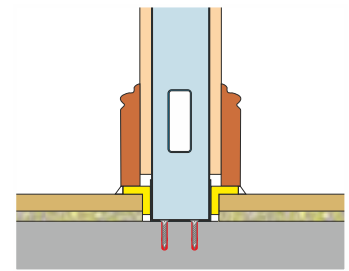
<sup>(1)</sup> Install a DPM below **ScreedBoard 28**, **FIBREfon 12C**, **21C** & **28C** acoustic treatments.

**2** Door threshold (FFT4 or 5)



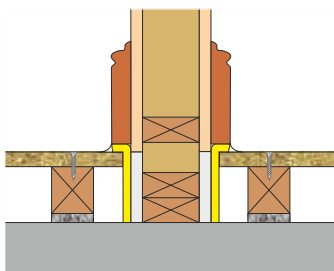
Leave a 5mm (min) gap between the habitable area treatment and the communal area treatment.

**3** Metal frame partition built off the structural floor



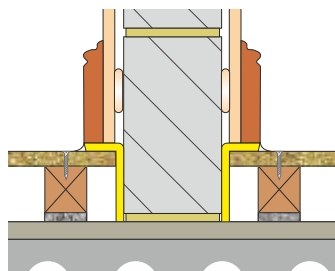
Lightweight internal walls built off the structural floor must be isolated from the floating floor treatment (FFT4 or 5) with **YELOfon FS strip**.

**4** Timber stud partition built off the structural floor



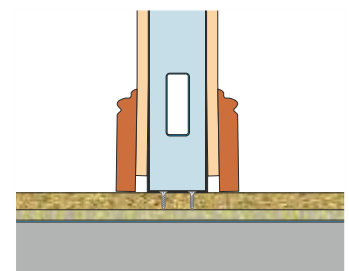
Lightweight internal walls built off the structural floor must be isolated from the floating floor treatment (FFT1, 2 or 3) with **YELOfon ES strip**.

**5** Internal blockwork wall built off the structural floor



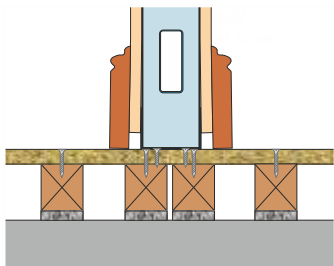
Internal block work walls built off the structural floor must be isolated from the floating floor treatment **YELOfon ES strip** (FFT1, 2 or 3) or

**6** Metal frame partition built off FFT4 or 5



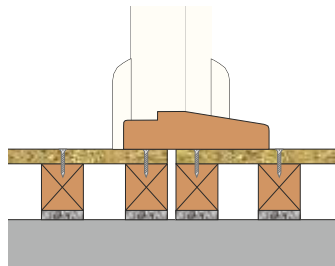
Internal non-load bearing walls can be built directly off the floor treatment (FFT4 & 5). Fixings **MUST NOT** penetrate the resilient layer.

**7** Metal frame partition built off FFT1, 2 or 3



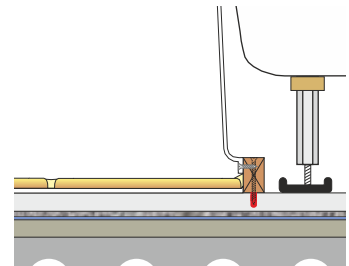
Double up battens under internal non-load bearing walls.

**8** Door threshold (FFT1, 2 or 3)



At the door threshold, place one batten under the leading edge of the apartment's floor deck and one under the communal area's floor deck, leaving a 5mm (min) gap between the acoustic battens.

**9** Bath surrounds and sanitary ware



Sanitary ware can either be built directly off the structural floor or off the floor treatment. For **FFT1, 2 or 3** battens should be set out in a 300mm x 300mm grid under the sanitary ware.