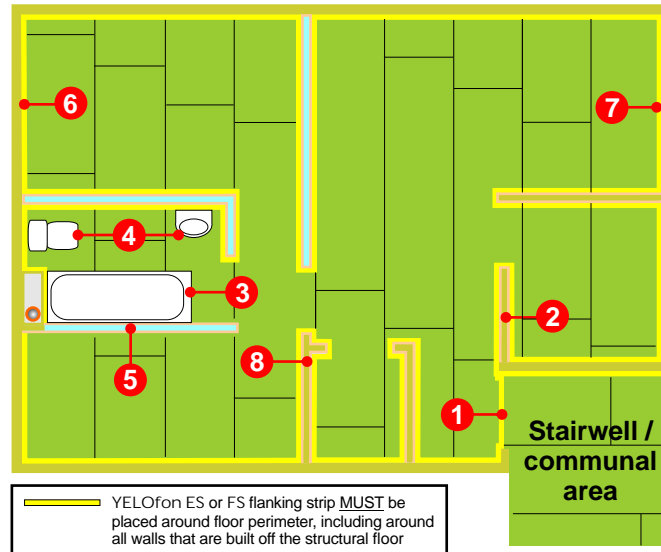
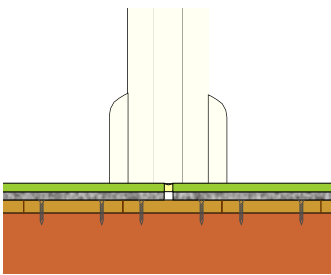


Design & installation details - PCT refurbishment treatments

The acoustic performance of the floor structure will be compromised if the acoustic treatment is not completely isolated from the timber joists, sub-floor, services, door frames, surrounding walls and their treatments. To address this risk, each potential problem area needs to be detailed accordingly.

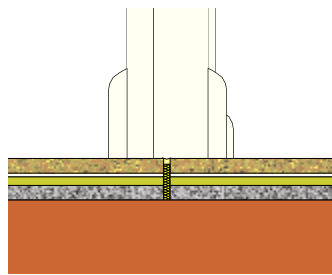


1a Door thresholds

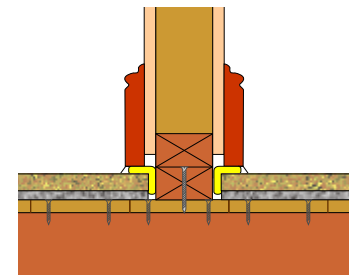


Leave a 5-10mm expansion gap between the habitable area floor treatment and the communal area floor treatment.

1b

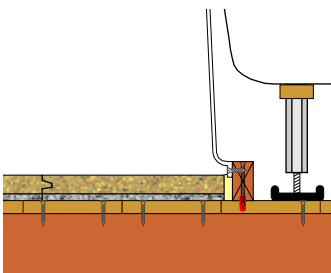


2 Timber stud partition



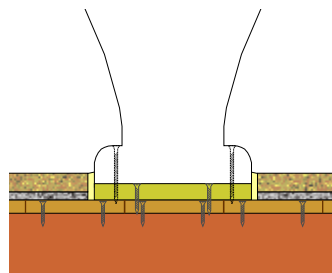
Lightweight internal walls should be built off the structural floor deck and **MUST** be isolated from the acoustic floor treatment with YELOfon ES or FS strip.

3 Bath and shower trays



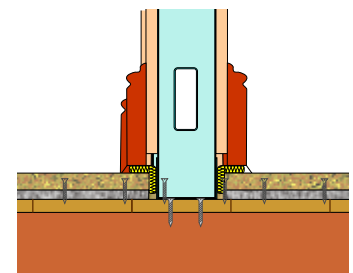
Baths and shower trays should be built off a structural floor and **MUST** be isolated from the acoustic floor treatment and any floor finished. Any gaps should be sealed with a suitable mastic.

4 Sanitary ware



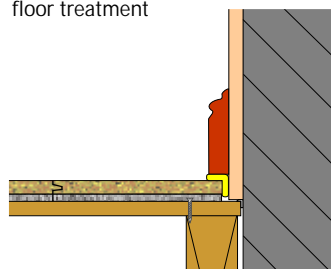
Sanitary ware should be built off a structural floor and **MUST** be isolated from the acoustic floor treatment and any floor finished. Any gaps should be sealed with a suitable mastic.

5 Metal frame partition built off the structural floor



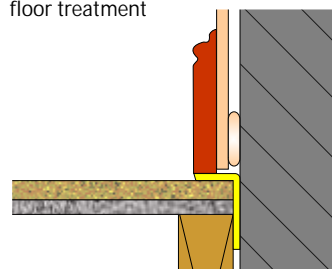
Lightweight internal walls built off the structural floor must be isolated from the acoustic floor treatment with YELOfon ES or FS strip.

7 Wall treatment installed before the floor treatment



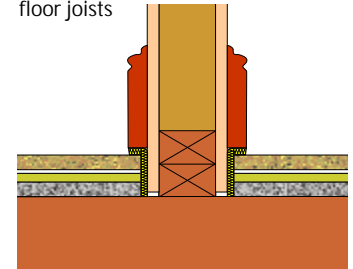
Wall treatments **MUST** be isolated from the acoustic floor treatment with YELOfon ES or FS strip, and all gaps sealed with a suitable mastic.

7 Wall treatment installed after the floor treatment



Wall treatments **MUST** be isolated from the acoustic floor treatment with YELOfon ES or FS strip, and all gaps sealed with a suitable mastic.

8 Lightweight partitions built off the floor joists



Lightweight internal walls built off the floor joists **MUST** be isolated from the acoustic treatment with YELOfon ES or FS strip.