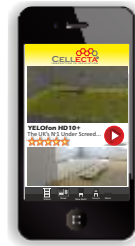


# Design & installation details - Robust detail E-FC-5

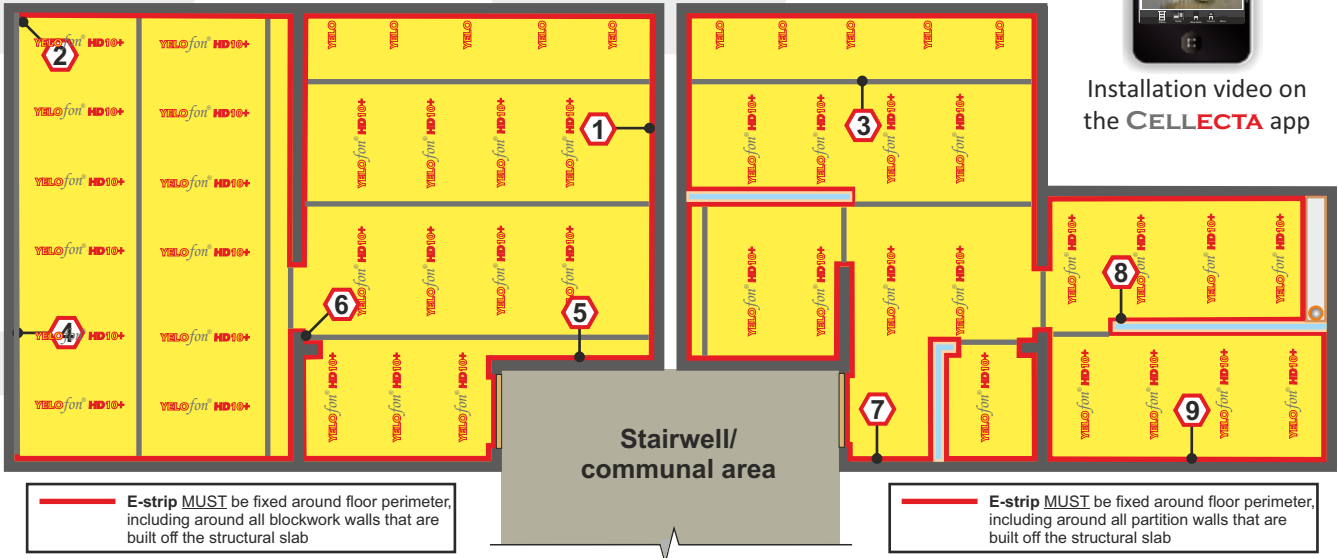
The acoustic performance of the floor will be compromised if the screed is not completely isolated from the structural slab, soil pipes, door frames, the surrounding walls and their treatments. To address this risk, each potential problem area needs to be detailed accordingly.



Installation video on the **CELLECTA** app

## Partitions installed off the floor screed

## Partitions installed before the floor finish is laid



### 1 Perimeter detail



Around the whole floor perimeter stick the **E-strip** to the wall, folding up the bottom flap and overlap with the **HD10+** (by at least 40mm). Seal all joints with **J-strip**.

### 2 Room corners



In corners, mitre the **E-strip's** upper and lower flaps to allow them to fold in. The bottom flap must then be overlapped by the **HD10+** by at least 40mm, with the joint sealed with **J-strip**.

### 3 Overlapping rolls



Overlap each roll of **HD10+** by at least 150mm and seal all joints with **J-strip**. To totally eliminate the risk of screed migration, cover the **HD10+** with a polythene sheet sealing all joints with a suitable tape.

### 4 Soil pipes



Soil pipes and services that penetrate through the **HD10+** or **E-strip** **MUST** be isolated from the screed by wrapped them in **E-strip** and sealing the joints with **J-strip**.

### 5 Services



Services should be secured to the structural slab with straps and covered with **HD10+**. Alternatively, they can be laid over the **HD10+** and held in position with **J-strip** until the screed is applied. Services that penetrate the resilient layer **MUST** be isolated from the surrounding structure by wrapping them in **E-strip**, and sealing all joints with **J-strip**.

### 6 Doorways



Ensure **E-strip** goes under **ALL** door frames to eliminate the risk of acoustic flanking.

### 7 Thresholds



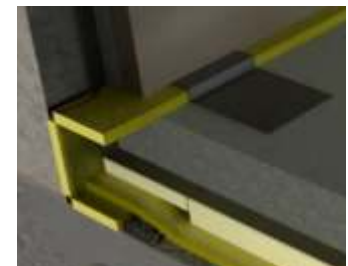
To stop acoustic flanking at the threshold, fix a timber batten across the door opening to act as a "stop" and stick the **E-strip** to it. Trim off excess strip with a sharp knife.

### 8 Partitions



Should partitions be built off the sub-floor, stick the **E-strip** to the partition, folding up its bottom flap. Overlap the **HD10+** and seal all joints and gaps with **J-strip**.

### 9 Wall treatments



Fold down the upper section of the **E-strip** and tape in position. Ensure **ALL** wall treatments including plaster, plasterboards, plaster adhesive and skirting boards are completely isolated from the screed.