

Screed laid on **CELLECTA YELOfon HD10+** resilient layer System

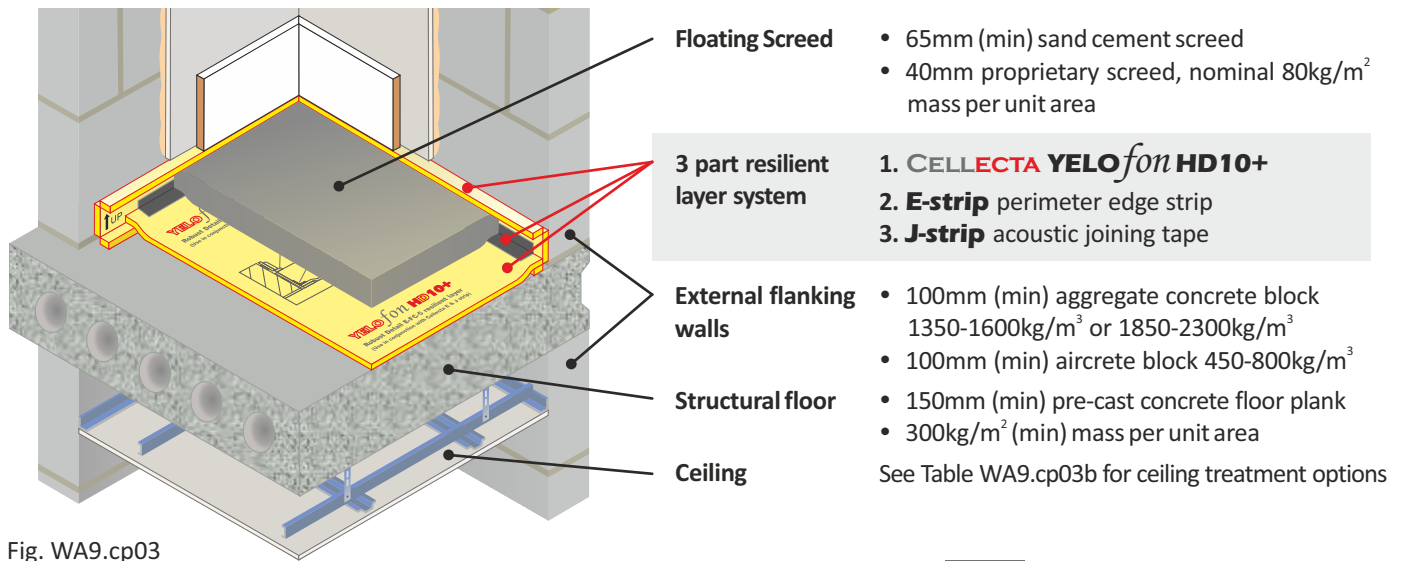


Fig. WA9.cp03

**Over 12,000,000m²
successfully installed**

FASTRACKCAD
ARCHITECTURAL CAD DATABASES

NBSPlus

Table WA9.cp03a

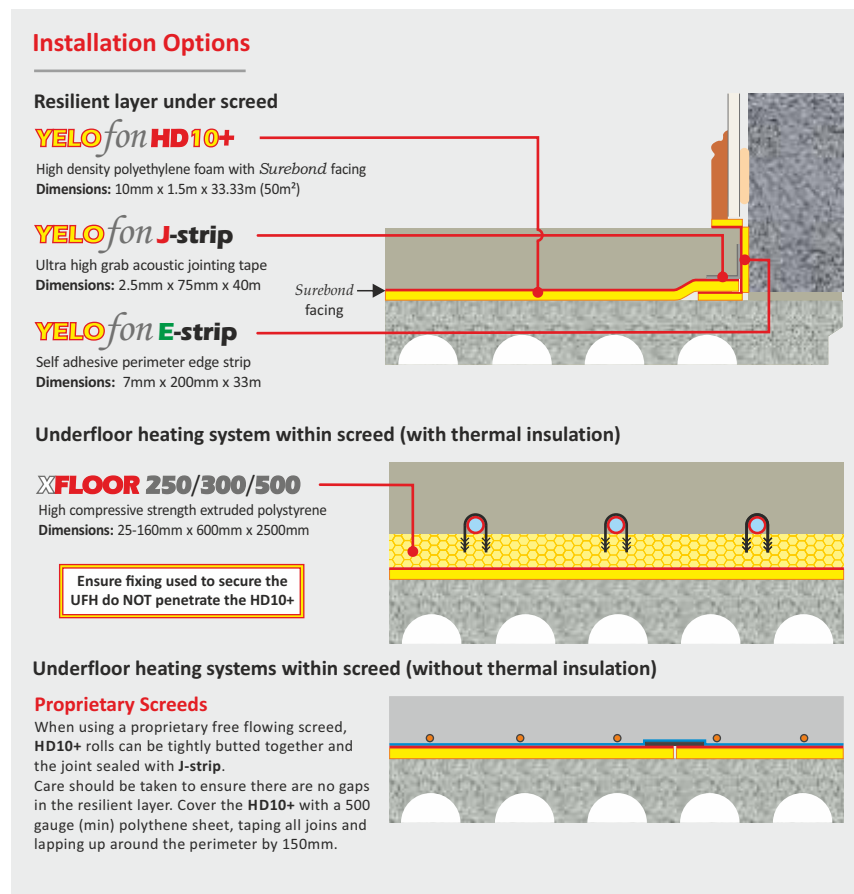
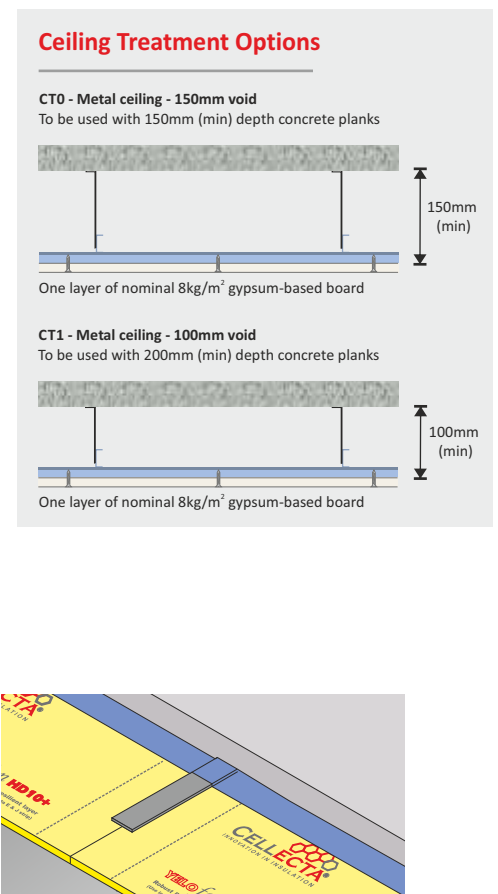


Table WA9.cp03b



Acoustic Performance

Airborne: 52dB D _{nT,w} + C _{tr}	Building Regulations
Impact: 54dB L _{nT,w}	+ 5dB

Values quoted are typical and based on the treatment being installed correctly and pre-completion tested (PCT).
Airborne performance tested in accordance with BS EN ISO 140-4:1998
Impact performance tested in accordance with BS EN ISO 140-7:1998

Third Party Accreditation and Approvals

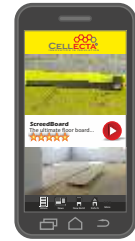


Environmental Credentials



Design & installation details - **YELOfon HD10+**

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.

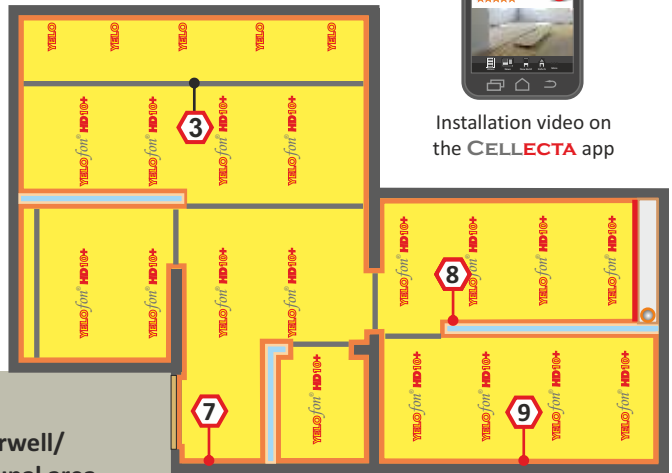


Installation video on the **CELLECTA** app

Partitions installed off the floor screed



Partitions installed before the floor finish is laid



E-strip MUST be fixed around floor perimeter, including around all blockwork walls that are built off the structural slab

E-strip MUST be fixed around floor perimeter, including around all partition walls that are built off the structural slab

1 Perimeter detail



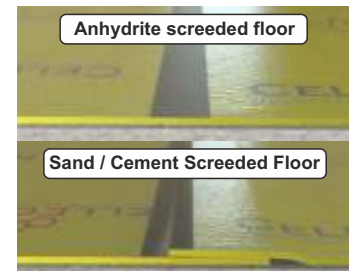
Around the whole floor perimeter stick the **E-strip** to the wall, folding up the bottom flap and overlap with the **HD10+** (by at least 40mm). Seal all joints with **J-strip**.

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 Joining rolls



Anhydrite: Butt joint and seal joint with **J-strip** and cover **HD10+** with 500g polythene sheet.
Sand/cement: Overlap by 150mm and seal joint with **J-strip**.

4 Soil pipes



Soil pipes and services that penetrate through the **HD10+** or **E-strip** **MUST** be isolated from the screed by wrapping 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.