CONSTRUCTION DETAILS

TETRiS® components

Vertical Edge Strip (VES) - 75mm high

Gap Strip (TGS) - 75mm thick

T Block (T300 / T600) - 90, 100, 120, 140, 160mm thick

150mm Beam vertical edge details -
Beam position against wall

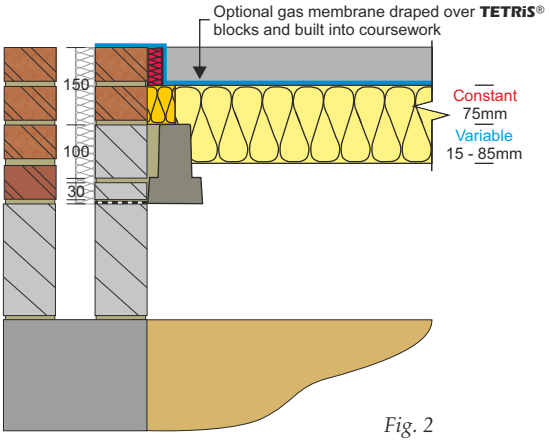


Fig. 2

Concrete block used to bridge gap between wall and beam

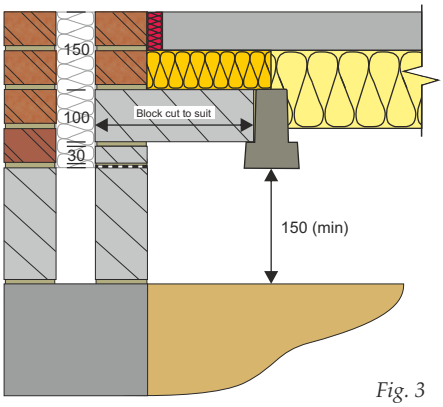


Fig. 3

175mm Beam vertical edge details -
Beam position against wall

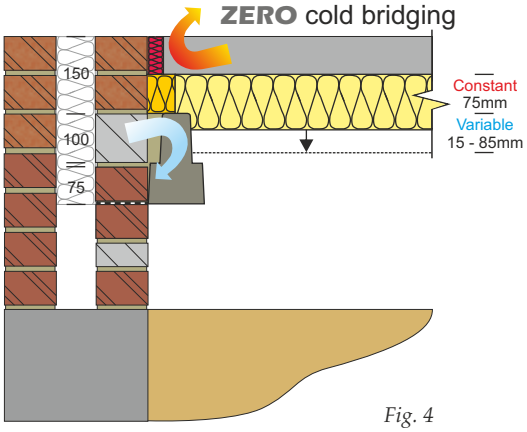


Fig. 4

Concrete block used to bridge gap between wall and beam

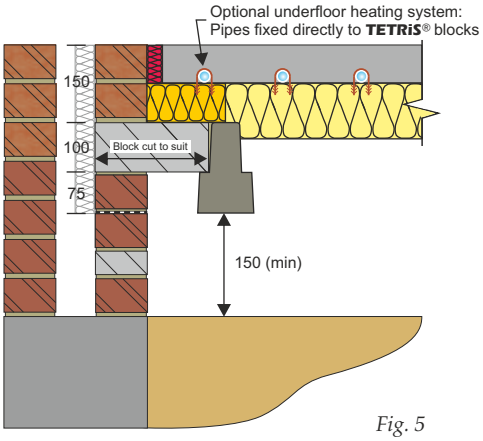


Fig. 5

225mm Beam vertical edge details -
Beam position against wall

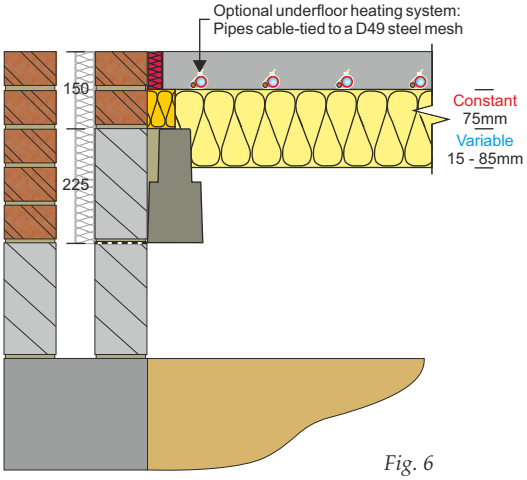


Fig. 6

Concrete block used to bridge gap between wall and beam

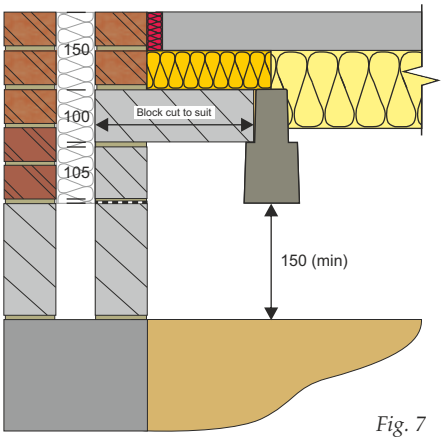


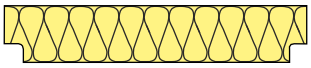
Fig. 7

CONSTRUCTION DETAILS

TETRiS® components

Vertical Edge Strip (VES) - 75mm high

Gap Strip (TGS) - 75mm thick



T Block (T300 / T600) - 90, 100, 120, 140, 160mm thick

Vertical edge options - Timber frame buildings

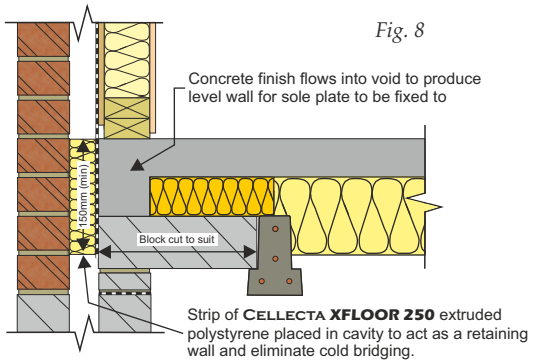


Fig. 8

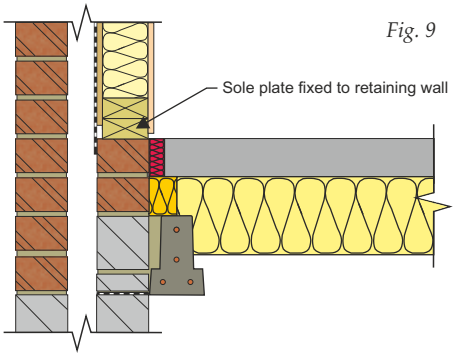


Fig. 9

Double and triple beams

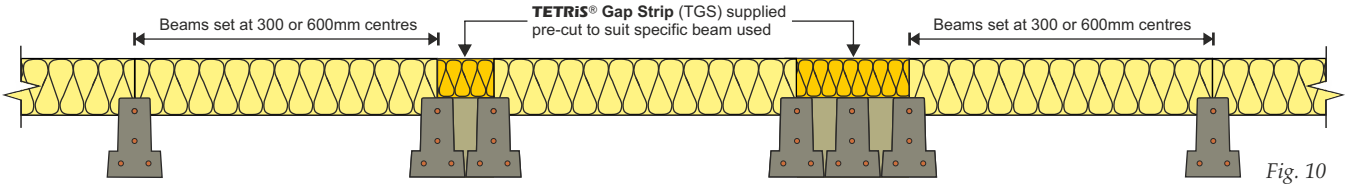


Fig. 10

Non-load bearing partitions

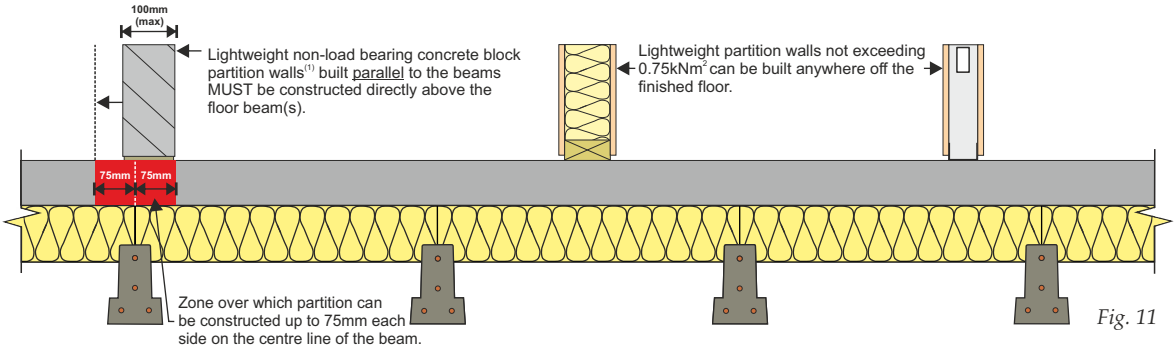


Fig. 11

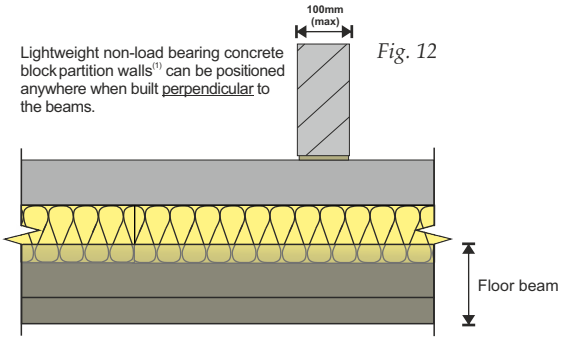


Fig. 12

(1) 100mm thick x 2.4m high wall, constructed from concrete blocks with a maximum density of 1400kg/m³, exerting a maximum load of 4.40kN/m run. Heavier partitions may need to be built directly off the concrete beam, a concrete block or sacrificial wall.

Underfloor heating systems

Option 1
Secure the underfloor heating pipes to the **TETRiS®** blocks with 'U' anchors at the desired centres and cover with the structural concrete. Install the heating manifold at a later stage.

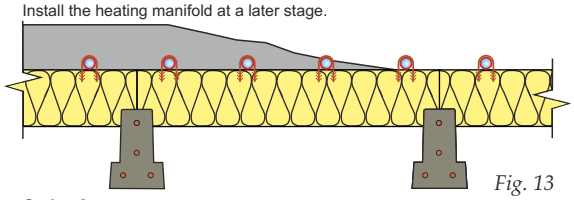


Fig. 13

Option 2
Cover the **TETRiS®** blocks with a D49 steel mesh, cable-tie the underfloor heating pipes to the mesh at the desired centres and cover with the structural concrete. Install the heating manifold at a later stage.

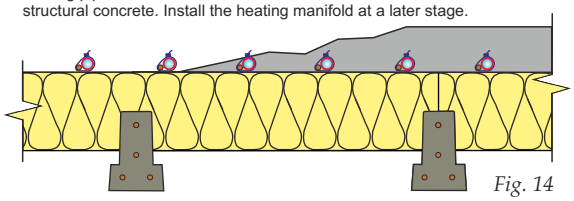


Fig. 14