

Insulation blocks installed above and between pre-stressed concrete beams
75mm structural concrete finish

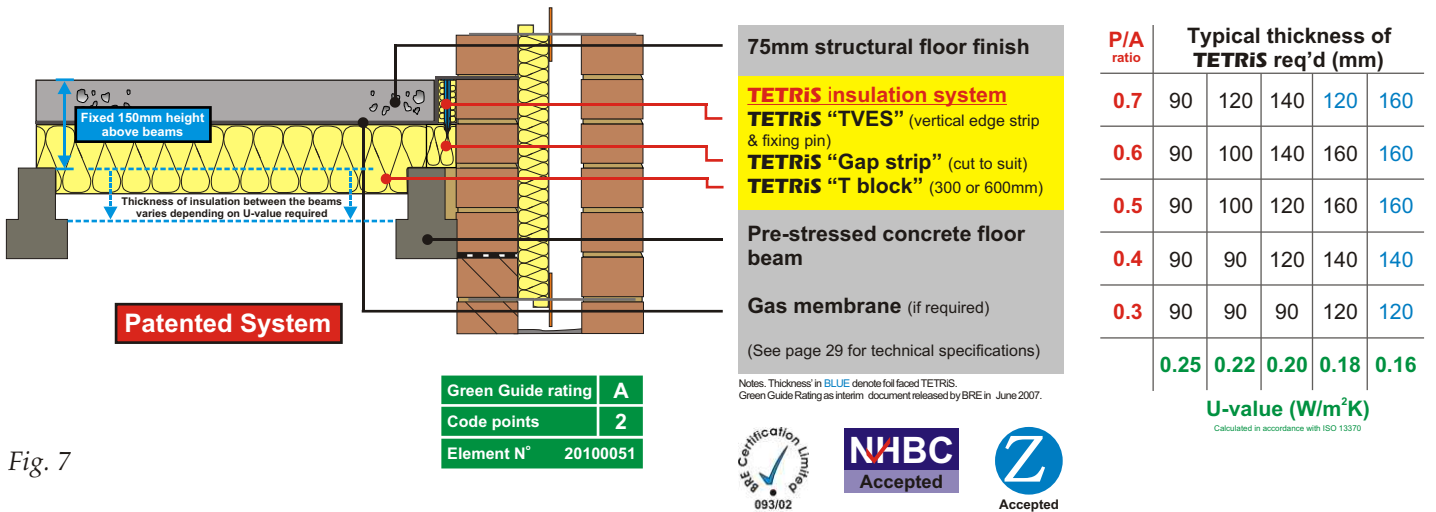


Fig. 7

Benefits

Cost effective solution compared to traditional construction methods.

Guaranteed **U-value of 0.22W/m²K** whatever the floor's size, giving flexibility in designs of other elements in order to achieve the required Target Emissions Rating (TER).

Lightweight blocks speed up the installation process, allowing for **considerable labour savings**, and a reduction in site traffic and off-loading.

Finished with a 75mm structural topping, which courses perfectly with two bricks; giving **constant design detailing**.

Easily incorporates a gas membrane.

Various concrete topping options, no need for reinforcement steel or fibres, option of a self compacting concrete, eliminating need to power float.

Versatile - works in conjunction with most types of pre-stressed concrete beams and can be used in many building types.

Underfloor heating easily integrated.

Environmentally friendly - HCFC free, zero ODP, and fully recyclable.

Strong and robust blocks, able to **withstand foot traffic** during the construction process and long-term static loads up 4kN/m² (UDL).

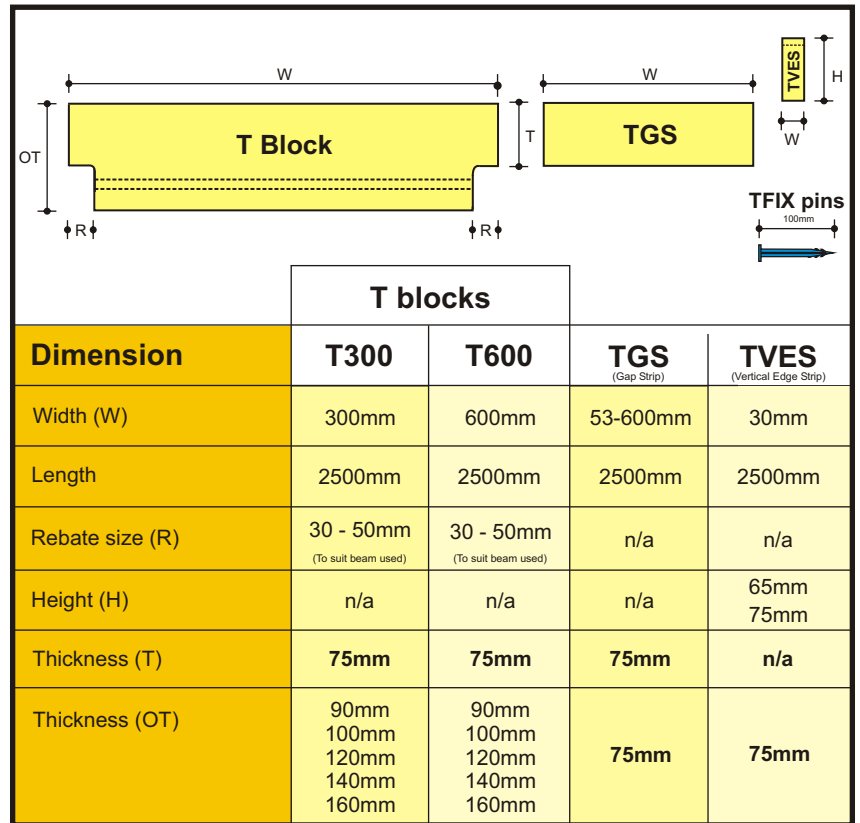
Produces a floor with **zero cold bridging**, ensuring this element contributes towards meeting the Target Emissions Rating (TER).

Installing the finished structural floor before the dwelling is built **eliminates the need to employ a screeder** at a later stage who may hold up other trades, speeding up the build process.

The product's unique closed-cell structure results in it maintaining its **thermal performance for the life of the building**.

Insulation integrity guaranteed - blocks sit on and between the beams in full view, eliminating the risk of sections not being installed.

Certified by BRE Certification Limited for use in dwellings, nursing homes, hotels, educational building, and various commercial buildings.



To learn more about the TETRiS insulation system contact Collecta's technical team on 08456 717174