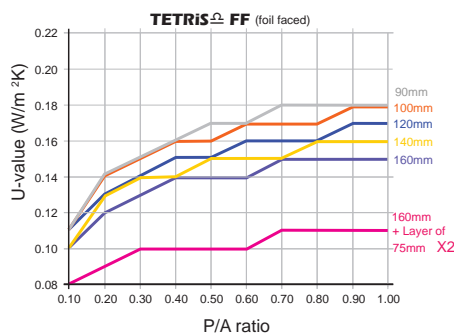
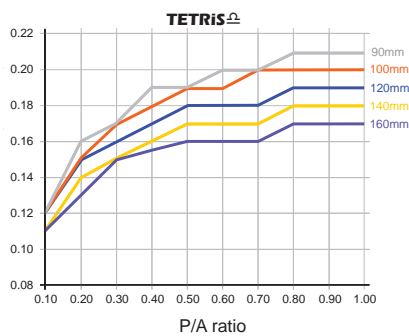


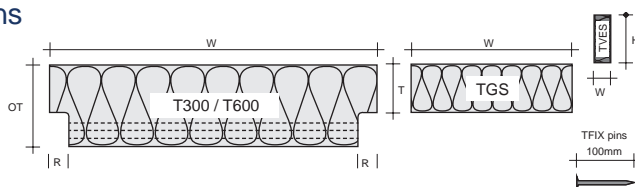
TETRIS is a revolutionary patented thermal insulation floor system, designed to provide outstanding thermal and structural performance.

U-Value

Type and thickness of TETRIS required



Dimensions



Dimension	T300 (T-Block)	T600 (T-Block)	TGS (Gap Strip)	TVES (Vertical Edge Strip)
Width (W)	300mm	600mm	47-600mm	30mm
Length	2500mm	2500mm	2500mm	2500mm
Rebate size (R)	38-50mm	38-50mm	N/A	N/A
Height (H)	N/A	N/A	N/A	75mm
Thickness (T)	75mm	75mm	75mm	N/A
Overall thickness (OT)	90mm	90mm	75mm	75mm
	100mm	100mm		
	120mm	120mm		
	140mm	140mm		
	160mm	160mm		

Why Use TETRIS?

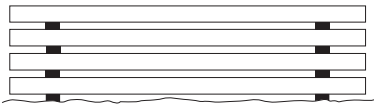
- Faster floor construction (up to 16x less blocks to install)
- Supplied to site in floor specific quantities
- Reduces the number of beams required
- Produces a floor with zero cold bridging
- Is a BRE Green Guide A+ rated system
- 3x more Code credits awarded
- 100% recyclable
- More cost effective
- Fixes floor height above the beams at 150mm
- Easily incorporates underfloor heating system
- Able to withstand foot traffic during construction process
- Insulation integrity guaranteed
- Accredited construction detail
- 2010 Part L solution
- U-values as low as 0.10 W/m K

Technical Information

- Excellent thermal performance
- Very high compressive strength
- CFC & HCFC free
- Zero ODP
- Very low water absorption
- Closed-cell structure
- Zero capillary strength

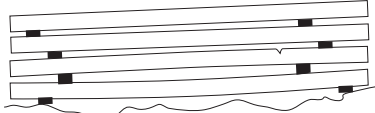
Storage

Correct



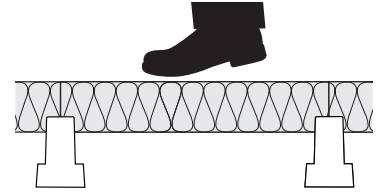
250mm max overhang
and bearers all in line

Incorrect

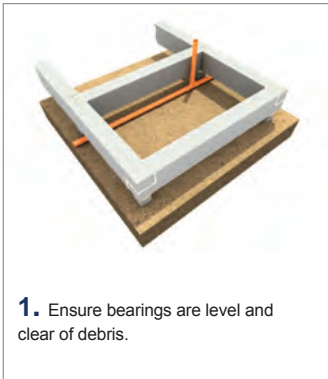


Uneven ground/small bottom
bearings/bearers out of line = DAMAGE

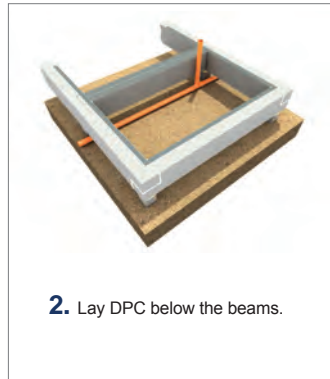
Safe to walk on



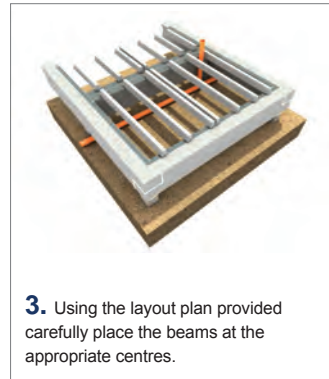
Installation Guide



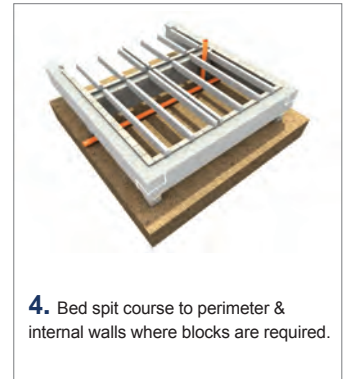
1. Ensure bearings are level and clear of debris.



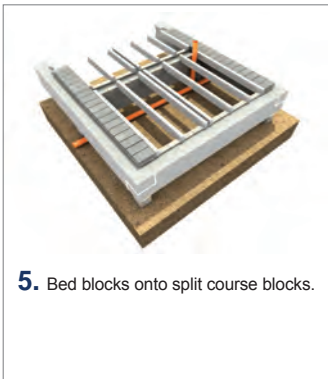
2. Lay DPC below the beams.



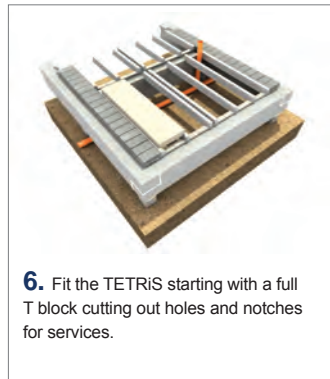
3. Using the layout plan provided carefully place the beams at the appropriate centres.



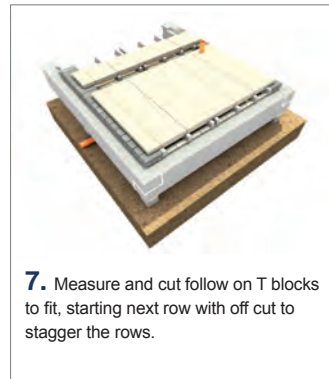
4. Bed split course to perimeter & internal walls where blocks are required.



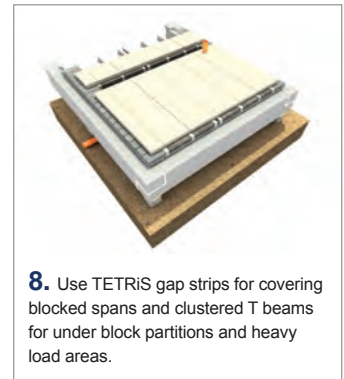
5. Bed blocks onto split course blocks.



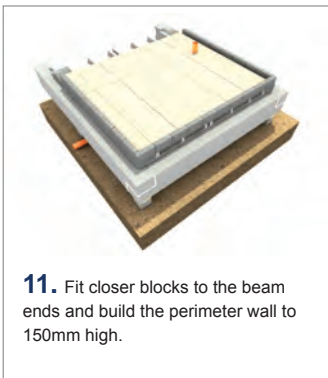
6. Fit the TETRiS starting with a full T block cutting out holes and notches for services.



7. Measure and cut follow on T blocks to fit, starting next row with off cut to stagger the rows.



8. Use TETRiS gap strips for covering blocked spans and clustered T beams for under block partitions and heavy load areas.



11. Fit closer blocks to the beam ends and build the perimeter wall to 150mm high.



12. Cover all exposed and blocked areas with TETRiS Gap Strip followed by TETRiS Vertical Up Stand Strip to inside the 150mm high perimeter wall.



13. Cover all required TETRiS areas with a poured wet screed to a depth of 75mm, power floating or use self leveling mix to achieve smooth flat floors. *If under floor heating is to be fitted it may required fixing prior to pouring.

Health and Safety

- TETRiS blocks are chemically inert and require no special treatment.
- TETRiS blocks contain a fire retardant additive to inhibit accidental ignition. However plastic foams are combustible and may burn rapidly if exposed to intense fire.
- Beam products are generally delivered on articulated vehicles therefore appropriate hardstanding and access is essential.
- The Contractor must inspect the floor units at the time of delivery on supply only contracts and sign the delivery ticket, as no liability for damage can be accepted at a later date.
- Ensure before lifting that the crane is sited on firm level ground and there is sufficient clear working area for turning and slewing with no overhead obstructions.