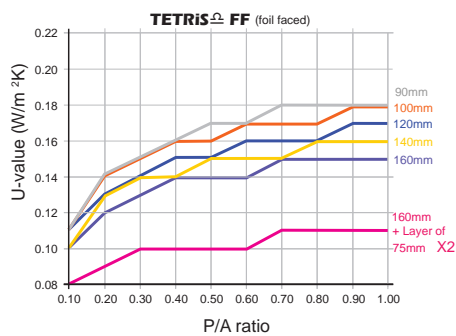
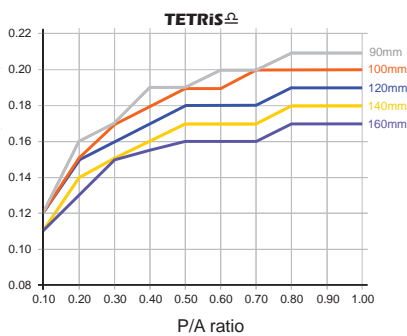




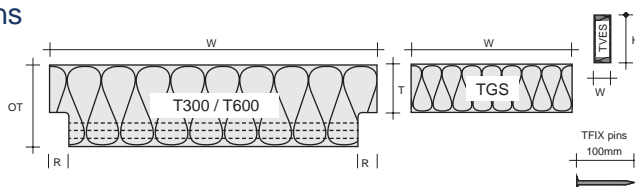
TETRIS is a revolutionary patented thermal insulation floor system, designed to provide outstanding thermal and structural performance.

### 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?

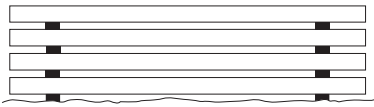
- Faster floor construction (up to 16x less blocks to install)
- Supplied to site in floor specific quantities
- Reduces the number of beams required
- Produces a floor with zero cold bridging
- Is a BRE Green Guide A+ rated system
- 3x more Code credits awarded
- 100% recyclable
- More cost effective
- 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

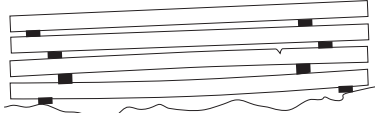
# Storage

## Correct



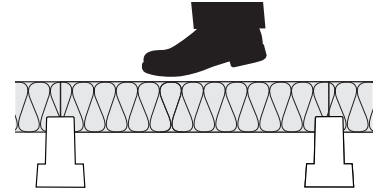
250mm max overhang  
and bearers all in line

## Incorrect

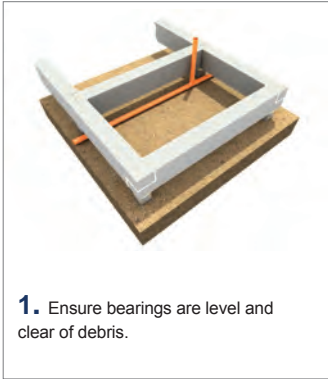


Uneven ground/small bottom  
bearings/bearers out of line = DAMAGE

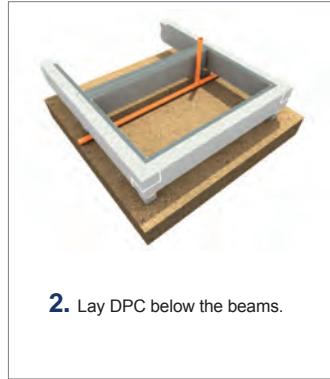
## Safe to walk on



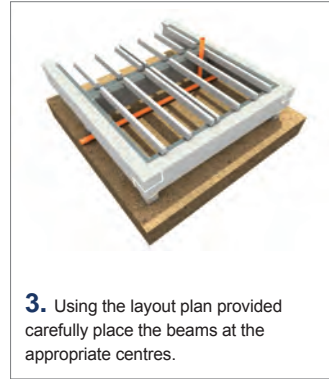
# Installation Guide



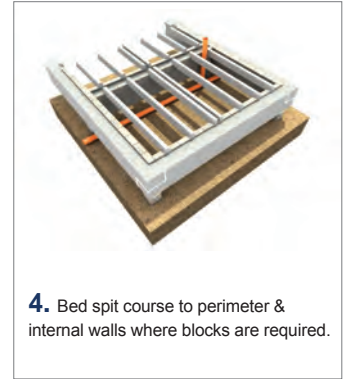
**1.** Ensure bearings are level and clear of debris.



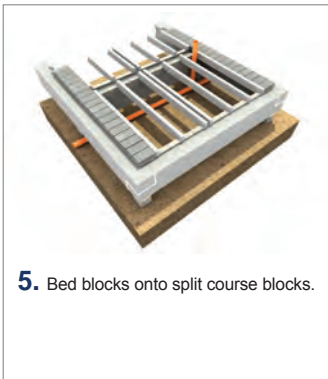
**2.** Lay DPC below the beams.



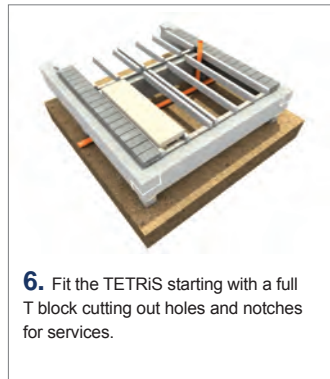
**3.** Using the layout plan provided carefully place the beams at the appropriate centres.



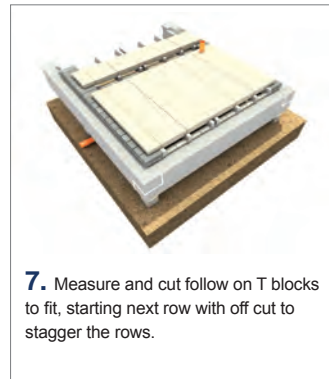
**4.** Bed spit course to perimeter & internal walls where blocks are required.



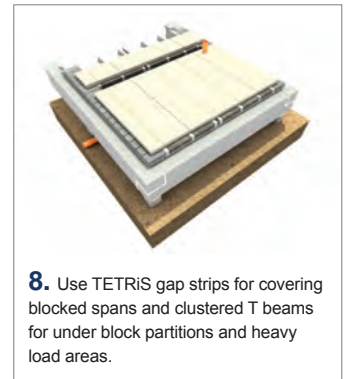
**5.** Bed blocks onto split course blocks.



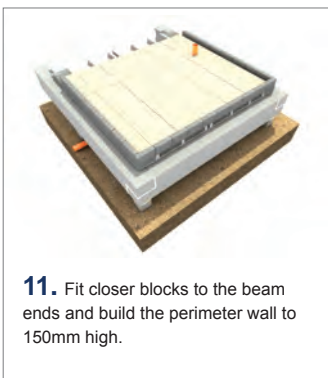
**6.** Fit the TETRiS starting with a full T block cutting out holes and notches for services.



**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.