



## Screed Replacement Tile

The JUPITER Screed Replacement Tile is a wet-trade free alternative to a 65mm sand/cement screed comprising tongue-and-groove natural ceramic tiles.

The tiles are adhered together in brick-bond fashion using a proprietary, non-toxic cementitious adhesive on top of a slip membrane. The SRT system forms a floating floor that inherently decouples the finished floor from the substrate **guaranteeing that they will not crack**.

The SRT system requires only 36 hours to fully cure before the underfloor heating system can be switched on and the floor finish can be laid. No heating up protocol is required as the system is fully cured after 36 hours.

As the SRT system expands and contracts minimally across the range of temperatures it will experience in service, there is no requirement for movement or expansion joints for areas up to 450m<sup>2</sup>.

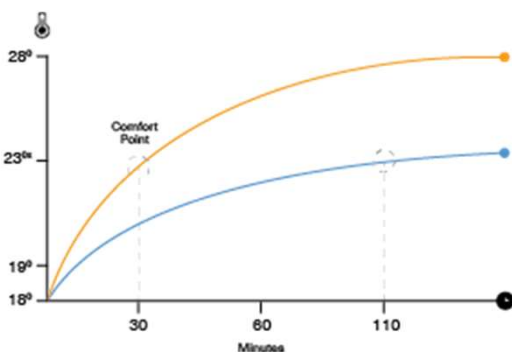
### Product Specifications

Density	1950kg/m <sup>3</sup> ± 100 kg/m <sup>3</sup>	Packaging:  Pallet contents: 240 tiles / 26.67m <sup>2</sup> Pallet dimensions: W1200mm x D800mm x H1000mm Pallet weight: 993kg
Thickness	18mm ±1mm	
Tile dimensions	550mm x 200mm ±2mm	
Mass	35.3kg/m <sup>2</sup>	
Fire classification	A1 (to EN 13501 2007)	
Thermal resistance	R=0.017m <sup>2</sup> K/W	
Thermal conductivity	λ=1.03W/mK	



### Product benefits

- Boasting virtually nil thermal resistance, a lower specific heat capacity than screed at a much thinner form factor provides rapid heat-up and cool-down with no loss of floor strength
- Simple to install – no specialist knowledge or training required
- Suitable for all floor finish choices\*
- 5kN point load capacity
- Tested deflection capability with stone floor  $l/240$ . (i.e. can tolerate 20mm deflection over 5m) - three times better than the standard  $l/720$  requirement for installation of stone/tiles
- No decoupling membrane required
- No movement joints required for areas up to 450m<sup>2</sup>
- Accepts any format tile / porcelain / stone – no maximum size limit
- 5 year warranty provided for tile / porcelain / stone floor finishes supplied and installed by others on top of the Screed Replacement Tile system without a decoupling membrane



\*Some floor finishes such as vinyl and carpet may require the application of a levelling compound prior to their installation