



## JUPITER Screed Replacement Tile

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

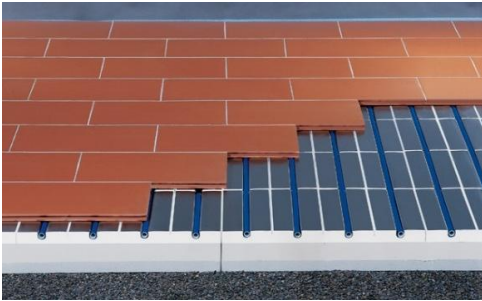
The tiles are adhered together in brick-bond fashion using a proprietary, non-toxic cementitious adhesive on top of a slip membrane. The SRT system forms a floating floor that inherently decouples the finished floor from the substrate **guaranteeing that they will not crack**.

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 450 m<sup>2</sup>.

### Product Specifications

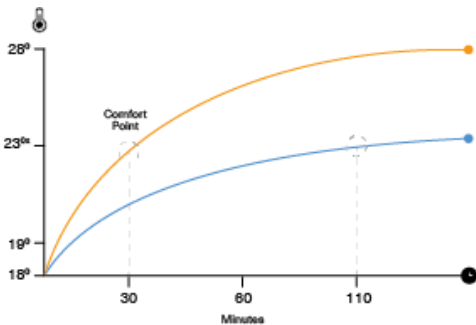
|                      |                                |                                                |
|----------------------|--------------------------------|------------------------------------------------|
| Density              | 1950 ± 100 kg / m <sup>3</sup> | Packaging:                                     |
| Thickness            | 18 ± 1 mm                      |                                                |
| Tile dimensions      | 550 x 200 ± 2 mm               | Pallet contents: 240 tiles / 27 m <sup>2</sup> |
| Mass                 | 35.3 kg / m <sup>2</sup>       | Pallet dimensions: W1200 x D800 x H1000 mm     |
| Fire classification  | A1 (to EN 13501 2007)          | Pallet weight: 993 kg                          |
| Thermal resistance   | R = 0.017 m <sup>2</sup> K / W |                                                |
| Thermal conductivity | λ = 1.03 W / 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\*
- 5 kN point load capacity
- Tested deflection capability with stone floor  $\ell/240$ . (i.e. can tolerate 20 mm deflection over 5 m) - three times better than the standard  $\ell/720$  requirement for installation of stone/tiles
- No decoupling membrane required
- No movement joints required for areas up to 450 m<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



### JUPITER

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