



System

# Screed Replacement Tile

The best alternative to screed.



## INTRODUCTION

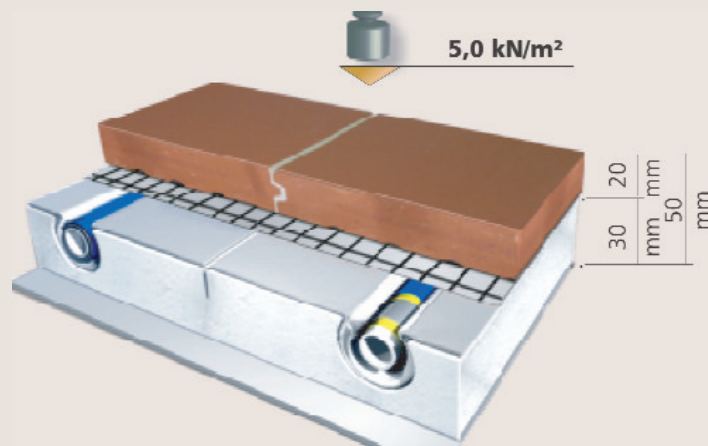
For most people underfloor heating generally means having lots of pipe laid out in convoluted loops which is then covered in concrete. This is of course true of a conventional screed underfloor heating system. Underfloor heating has come along way since the days of concrete. The new, more favoured methods are the 'dry installed' systems. Dry installed means no concrete or screed is used in the process. Eliminating the need for screed has required a complete re-think in materials that are used. Replacing convoluted pipe loops with orderly Jupiter polystyrene heating panels is one thing but providing a suitable surface that is as strong as concrete is another.



Jupiter has developed the Screed Replacement Tile System (SRT) as a direct replacement to screed on underfloor heating. The unique 20mm clay tongue and groove tiles are simply glued together and after 24 hours provide an unbelievably strong, ready to use floor. Unlike screed there is very little water involved and therefore no drying out time. Unlike any other system, the underfloor heating itself can be turned on after 24 hour of laying the tiles.

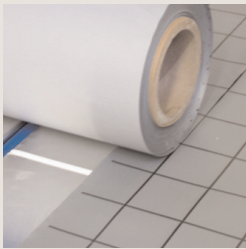
## HEAT OUTPUT

Underfloor heating is all about getting as much heat out of the system per square metre as possible. At Jupiter we pride ourselves on understanding materials and what effect they have on heat output. Using the SRT system either as a sub floor or as a finished floor gives you an immediate advantage. On average the SRT system outputs between 75 and 100 W/m<sup>2</sup>. Therefore, using the SRT system instead of chipboard or ply as a load bearing surface for carpet or tiles has obvious benefits.



## LOADINGS

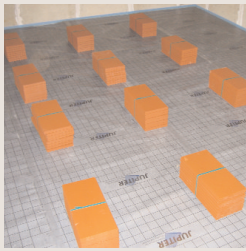
The unique tongue and groove method of connecting the tiles creates one solid slab which has an approved loading capacity of 5 kN/m<sup>2</sup>. This makes the tile system suitable for installations up to and including buildings for public use such as schools and hospitals.



## SRT SYSTEM AS A LOAD BEARING SUB FLOOR

Our natural red tile is 400 x 180 x 20mm and is used primarily as a sub floor to carpet, lino or a further tiled finish. This tile, which is unglazed, can also be used as a finished floor if desired and can be protected using a quarry tile sealant.

**SRT**  
Natural Red  
400 x 180 x 20 mm



## SRT SYSTEM AS A FINISHED FLOOR

The SRT system was originally designed to be used as an unseen sub floor however, as with all good things; demand has led us to develop a range of glazed tiles that can be used as finished floor. Current colours available are Toscana, Tile Red and Grey.



**Finished floor SRT**  
Tile Red  
500 x 250 x 20 mm

**Finished floor SRT**  
Toscana  
500 x 250 x 20 mm

**Finished floor SRT**  
Grey  
500 x 250 x 20 mm



## INSTALLATION

Installation is straightforward and can be carried out by any tiler or self builder. Tiles are simply dipped into pre-mixed glue and then interlocked into the adjacent tile. Excess adhesive is removed and the tiles cleaned. The tiles are not glued down; they simply rest on a foil which protects the underfloor heating pipes from the glue. This means that in the unlikely event that a problem with the pipes occur, the tiles can be removed without damaging the system beneath. A comprehensive DVD is available from us, which shows installation procedures of all our UFH systems as well as the SRT system.



## THE BENEFITS

- High heat output
- Rapid heat transfer
- Build time reduced
- No screed required
- Cost effective when used as a finished floor
- Ready in 24 hours
- No drying out time



## CERTIFICATION

The Jupiter Screed Replacement tile system has been tested to, and met the following standards:  
DIN 1055 Design loads for buildings  
DIN 18202 Uniform face with a tolerance of upto 3mm per linear metre



## CUSTOM TILE COLOURS

Special colours are available on orders over 1000m<sup>2</sup>