

GUIDE TO SMARTFOOT

Definition

The installation of a series of bespoke, off-site manufactured, pre-cast modular concrete beams, which are post-tensioned on site to create a rigid, homogenous foundation for a variety of structures.



Lifting the beams into place

Uses

- Traditional domestic construction
- Modular buildings (timber framed, steel framed, pre-cast concrete and modular pods)
- Schools
- Prisons
- Offices
- Retail
- Leisure
- Semi-permanent or temporary structures



Aligning the beams

Benefits

- Manufactured under strict quality control conditions
- Bespoke system designed to your requirements
- Quick and clean (up to 400m can be installed in one day)
- Not weather dependent
- Installed to high tolerances (+/- 3mm)
- Installed by trained operatives, eliminating the need for further on-site skilled trades
- Improved health & safety on site
- Sustainability (less materials, less vehicle movements etc.)
- Can be re-used and recycled
- Embraces Modern Methods of Construction
- Can be installed with or without piles



Bitumen seal



Post tensioning the system