

System Review certificate

NHBC Services Ltd confirms that

System owner:	Green Piling Limited
System name:	G-sPan Modular Foundation Beam System
System manual:	GSP-GPL-00-00-SP-XX-001-P v1.6 (07/2026)

has been reviewed by the NHBC System Review team and as detailed in the System Manual can meet the NHBC Technical Requirements, subject to the exclusions and limitations listed in this certificate.

This certificate is valid until such time as it is no longer published or authorised by NHBC. Readers are advised to check the validity and latest issue number of this certificate by either referring to our website at nhbc.co.uk/systemreview or contacting NHBC directly.

NHBC Services Ltd has undertaken a technical review of the System manual as set out in line with the NHBC System Review Technical Document for Innovative systems. The NHBC System Review Service is intended solely to provide confidence that the Innovative system meets NHBC Standards and is not intended as evidence of performance for any other purpose. Appraisal of the Innovative system against building regulations is not carried out as part of this Service.

NHBC reference:	4381	First issued:	10/04/2026
Version number:	01.2	Revised on:	19/08/2026

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NHBC reference: 4381.01

System description

The Green Piling Ltd, G-sPan Modular Foundation Beam System (G-sPan) is a fully integrated design and build foundation system comprising precast reinforced concrete ground beams on cast insitu pile caps supported on piles. The NHBC System Review considered the Precast Concrete ground beams only.

Piles and insitu pile-caps are not part of this certification.

The System is designed on a project-defined basis to suit site conditions. It is suitable for low-rise buildings as defined in BS8103-1, limited to a maximum four storeys above ground level (including habitable roof space).

The System includes one standard non load-bearing tie beam option 200x375mm and twenty seven standard load bearing beam profiles.

Standard beam widths are 350/400/450mm and depths are 375/450mm.

Beam lengths range from 1000mm to 6550mm in increments 150mm.

Variable reinforcement arrangements for each beam combination make up the twenty seven standard beam profiles.

Exclusions and limitations

Additional requirements must be met in order for a new home to qualify for Buildmark cover. Buildmark cover for new homes will only be issued to Builders or Developers in accordance with the latest version of the NHBC Rules (a copy of which can be found at [nhbc.co.uk](https://www.nhbc.co.uk)).

The overall design and structural limitations must be assessed on a project-specific basis by a suitably qualified Structural Engineer

Piles, insitu pile caps, insitu stitching between ground beams, underbuild and ground floor slabs are not included within the scope on this system. Details of these should be provided by the system Owner, for review on a project specific basis by the NHBC Project Engineer/Manager. These MUST be accepted by NHBC prior to construction.

Site specific details will need to be considered for each development in accordance with the Site Investigation Report. Particular consideration should be given to ground gas/radon protection measures, heave precaution requirements and co-ordination of services.