



# Innovative system Acceptance Certificate

**Issue date:** 25/04/25

**Reference number:** 4070

**Issue:** 01

**Innovative System Owner:** BEWI Insulation & Construction (UK) Ltd  
Unit A, Rudford Industrial Estate  
Nr Arundel  
West Sussex  
BN18 0BD

**Innovative System Name:** JACKODUR Atlas Foundation Insulation System

**Generic form:** Insulated Foundation System

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NHBC Services Ltd has reviewed the following information (the System Manual) related to the Innovative system supplied by the Innovative System Owner:

- BBA Certificate Insulated Foundation System JACKODUR Atlas Foundation Insulation System 20/5812 Product Sheet 1 Date of Second issue: 27 July 2021 amended on 22 May 2024

Relying on the information provided by the Innovative System Owner, NHBC Services Ltd considers that the Innovative system can meet NHBC Standards.

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 [www.nhbc.co.uk](http://www.nhbc.co.uk)).

This acceptance 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 [www.nhbc.co.uk/accepts](http://www.nhbc.co.uk/accepts) or contacting NHBC directly.

**Issued by:**

A handwritten signature in black ink, appearing to be 'R. [unclear]', is written over a light blue horizontal line.

Technical Operations Manager

NHBC Services Ltd



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## **Description, Scope and intended use.**

The System comprises extruded polystyrene (XPS) elements used as permanent shuttering for reinforced concrete (strength class C32/40), in the construction of ground-supported raft foundations on compacted granular MOT type 1 material, in conjunction with timber frame and insulated concrete form (ICF) walls.

The System can be used with timber frame and insulated concrete formwork (ICF) walls, where the applied stress on the XPS at the serviceability limit state (SLS) does not exceed 83 kPa and in non-load bearing blockwork internal walls.

The design of the concrete raft, the ground preparation requirements, temporary bracing of the formwork where required and connection details with the superstructure ~~and~~ must be carried out by a third party qualified structural engineer in conjunction with the results of a site-specific ground investigation.

The System has been reviewed for use in all nations of the UK. Party walls are outside the scope of this assessment, therefore, it is applicable to detached dwellings only.

The System is installed on site by trained installers, approved by the System Owner.

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## **Extent of review for NHBC Warranty on NHBC Registered Sites**

NHBC Services Ltd has undertaken a technical review of the System Manual as set out in line with the NHBC Accepts Technical Document for Innovative systems. The NHBC Accepts 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 Accepts is not an independent accreditation scheme or any form of performance guarantee and third parties should engage with the relevant manufacturer on performance of their product. No documentation, information and advice relating to NHBC Accepts may be adapted, disclosed, or distributed to any third party. NHBC Services Ltd accepts no duty of care and assumes no responsibility to any third party. Any third party who chooses to rely upon an NHBC Accepts certificate (or any documentation, information and advice relating to the NHBC Accepts service) shall do so entirely at their own risk and NHBC Services Ltd accepts no duty of care or liability for any damage or loss, however caused, in connection with the use of or reliance on any documentation, information and advice relating to NHBC Accepts.



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## Exclusions and Limitations

This Acceptance Certificate is made out solely to the System Owner. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than the System Owner arising out of, or in connection with, this Acceptance Certificate.

Exclusions and limitations are set out in the System Manual. Additional considerations in the use of the Innovative system include:

- A project-specific design, prepared by a suitably qualified structural engineer and full project specific details provided for each plot.
- Basements are outside the scope of this certificate.
- NHBC will not accept the use of insulated raft foundation systems on sites that may be subject to heave where part or all of the required granular fill is replaced with EPS.
- The following items must be designed and approved by a relevant qualified person on a plot-specific basis:
  - Concrete mix, placement method and reinforcement
  - Gas/radon and/or VOC resistant barrier (where required)
  - Damp Proof Membranes (DPM) (where required)
  - Damp Proof Course (DPC)
  - Air and Vapour Control Layer (AVCL)
  - Screed with underfloor heating
  - Junctions and interfaces