# System Review **certificate**

NHBC Services Ltd confirms that

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| **System owner:** | Barratt Redrow Plc |
| **System name:** | Oregon Closed Panel Timber Frame |
| **System manual:** | Oregon Timber Frame Rev D (Dated 28/07/26) |

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.

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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.

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| **NHBC reference:** | 4374 | **First issued:** | 01/10/2026 |
| **Version number:** | 01.1 | **Revised on:** | 01/10/2026 |

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**NHBC reference:** 4374.01.1

## System description

The System is a closed panel timber frame system for external walls, supplemented with open panel internal and party walls. The external panels are fabricated from 140mm deep, UC2 pressure treated studs and framing. The outer face is covered with OSB3/Fermacell sheathing, and faced externally with breather membrane, and mineral wool insulation fully filled between the studs. The standard external panel, is closed internally with additional OSB3/Fermacell sheathing, wrapped with a reflective AVCL and timber battens affixed to create a service zone. The enhanced external panel, is closed internally with 25mm PIR insulation, wrapped in reflective AVCL and timber battens affixed to face to create a service zone. The System also requires site installed ancillary items, plus internal linings (not part of package). The internal panels are fabricated from 89/75/63mm timber, and OSB/Fermacell where required structurally. The System is intended for use on sites across mainland UK, for dwelling houses up to three storeys in height. The System can be used with an external masonry outer leaf, but project specific non-masonry facades and may be used where appropriate evidence is provided. The internal lining is specified by the building designer. The structure is expected to have a service life of not less than 60 years. The System is manufactured at the System Owner's ISO 9001 and STA Gold accredited production facilities in Derby and Selkirk.

## 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**).

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

- Foundations, substructure, ground floor, intermediate floors, and roofs are excluded from the scope of the System.
- External wall panel variations including internal fire-resistant linings and external cladding systems, are project specific, but guidance is available in the System Manual.
- External finishes, cavity barriers, windows and external doors, internal services, fixtures, and fittings are excluded from the scope.
- Panels over 2.7m panel height limit and/or loads outside of the STA pattern book require a project specific assessment.

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