



Innovative system Acceptance Certificate

Issue date: 27/05/21
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Innovative System Owner: Rollalong Ltd
Woolsbridge Industrial Estate,
Three Legged Cross, Wimborne,
Dorset, BH21 6SF

Innovative System Name: Rollalong HDA (Houses) System

Generic form: Volumetric steel frame system

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

- Rollalong HDA System Manual Houses, revision R4, dated 01/04/2023 (the System Manual)

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).

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 or contacting NHBC directly.

Issued by:

A handwritten signature in black ink, appearing to read 'A. Smith', is written over a light blue horizontal line.

Technical Innovation Manager

NHBC Services Ltd



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Description, Scope and intended

The Rollalong HDA System is an offsite, volumetric method of building houses based on light gauge steel (LGS) structural members. Cold formed LGS clad with an outer sheathing board is used for floor, ceiling and wall elements and these are assembled together to create modules (Units) which are fully fitted out with fire linings, thermal insulation, VCL, breather membrane, windows and doors. The default external finish is brick slip, this is also applied in the factory, an optional facing brick or rendered finish may be applied on site.

The Units are installed on site, on a prepared foundation that has been carefully aligned and levelled, (these are not part of the System and must be assessed on a site-specific basis). The Units are connected to the foundation using galvanised steel brackets, and to each other using galvanised steel plates between Units. The horizontal and vertical joints between Units are closed up on site, incorporating the critical fire stopping and weathering materials. The roof is added on site and connections are made to the previously installed drainage and utilities services in the ground.

Structural stability of the homes is provided entirely by the System. Rollalong Ltd are responsible for the overall design, as well as the coordination of contributions from other consultants e.g. structural and services engineers. The galvanised LGS framework is produced under Rollalong's own SCI Stage 1 certificate.

The System can be used for houses and maisonettes up to two storeys high which are terraced detached or semi-detached.

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.



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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:

- It is intended to be used throughout England (Wales is excluded at present and sites in other UK nations would need to be assessed as project specific). The design parameters adopted enable it to be built on sites up to 200m altitude, to within 2km of the shoreline and where the wind speed is up to 24m/s.
 - Site specific aspects of the construction will need to be considered for each development, particularly in relation to foundations, subfloor and external groundworks, roof structure and finish, glass in areas of risk, overheating and SAP calculations in respect of the services installations.
 - Projecting elements such as porches, canopies, bay windows, sunshades, Juliet balconies and cantilevered balconies are not included within the current scope of the system.
 - Steps and staggers are excluded at present.
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