



Innovative system Acceptance Certificate

Issue date: 06/03/2022
Reference number: 3702
Issue: 02
Innovative System Owner: Wienerberger Ltd
Wienerberger House
Brooks Drive, Cheadle Royal Business Park
Cheadle, Cheshire, SK8 3SA
Innovative System Name: EcoBrick
Generic form: Site-based brickwork

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

- Wienerberger EcoBrick Best Practice Guide 'Considerations when using Eco Brick over that of building with traditional brick' Rev4
- Lucideon: The Design of Cavity Walls with an Outer Leaf of EcoBrick Masonry, Special Publication 153 October 2022 (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:

Technical Innovation Manager

NHBC Services Ltd

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Description, Scope and intended

EcoBrick is the generic name for the 65mm thin brick range manufactured by Wienerberger intended for use as a replacement for standard 102mm bricks in the outer leaf of external cavity masonry walls. EcoBrick is suitable for use in cavity walls up to 12m in height, above and below the DPC. The mortar joints are fully filled with mortar and the exposed face of all joints have an ironed finish for the exclusion of water. Care should be taken with the specification of wall ties, lintels, weep vents and cavity trays. It is recommended that window and external door frames are fixed back to the inner leaf.

This certificate is limited to the acceptance of the following EcoBrick types listed in the System Manual: Kingsbury, Waresley, Langdale, Pelham, Bowland, Forum Pampas, Haywood Red, Oud Romaans, Jado Red, Reno Grey, Saturn Grey, Muria Yellow, Nila Cream, Helios White and Clarus Cream.

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 systems against building regulations is not carried out as part of this Service.

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:

- The overall design and structural limitations must be assessed on a project by project basis by a suitably qualified Structural Engineer
- The overall height of walls using EcoBricks is limited to 12m



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- Recessed mortar joints and flush cills and copings must not be used with EcoBricks
- The use of EcoBrick is not accepted in areas of 'very severe' exposure
- Cavity widths must meet the minimum requirements set out in Appendix H of the System Manual.