

Acceptance certificate

Valid until date: 27.10.2021
Reference number: 3442
Issue: 02
Innovative Product Owner: H+H UK Limited
Celcon House
Ightham
Sevenoaks
Kent
TN15 9HZ
Innovative Product name: Celcon Elements
Generic form: Site Based

NHBC Services Ltd has reviewed the following information related to the Innovative Product supplied by the Innovative Product Owner:

- Lucideon Technical Report and Design Guidance for the use of H+H Aircrete Vertical Elements in the UK, Special Publication 152 February 2018 Issue 2
- Installation Guide for H+H Celcon Elements, Ref: VE-CD15 – Issue 05 – 25th February 2020.

Relying on the information provided by the Innovative Product Owner, NHBC Services Ltd considers that the Innovative Product 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).

Issued by:



Innovation Manager
NHBC Services Ltd

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Description, Scope and intended use

H+H AAC vertical elements are storey-height, 600mm wide and 100mm thick, manufactured in accordance to BS EN 12602, and are CE marked to attestation of conformity level 2. The elements form the inner leaf of external cavity walls, separating walls and internal partition walls in dwellings up to a maximum of two storeys. The elements are reinforced with 3 steel bars to facilitate handling and transportation. Vertical joints between the elements are filled with a fast setting thin layer mortar which has been specifically developed for use with AAC elements. Infill sections required between windows and openings and for lengths of wall are cut on site, with the length of cut elements being used generally limited to 150mm.

Design of walls is based upon BS EN 1996-1-1 Eurocode 6 – Design of masonry structures and Design Guidance for the use of H+H Aircrete Vertical Elements in the UK Special Publication 152 February 2018 Issue 2 by Lucideon.

Extent of review for NHBC Warranty on NHBC Registered Sites

NHBC Services Ltd has undertaken a technical review of the information submitted by the Innovative Product Owner as set out in line with the NHBC Accepts Technical Document for Innovative Products.

The NHBC Accepts Service is intended solely to provide confidence that the Innovative Product meets NHBC Standards and is not intended as evidence of performance for any other purpose. Appraisal of the Innovative Products 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 Product include:

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