

Acceptance certificate

Issue date: 11/02/2022
Reference number: 3637
Issue: 03
Innovative Product Owner: Wienerberger Ltd
Wienerberger House
Brooks Drive
Cheadle Royal Business Park
Cheadle
Cheshire
SK8 3SA
Innovative Product name: Porotherm Cellular Clay Block System
Generic form: Site based – Thin Joint Blockwork

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

- Lucideon Technical Report and Design Guidance for the use of Porotherm blocks in the UK, Special Publication 148 October 2019

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).

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:



Innovation Services Manager

NHBC Services Ltd

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Description, Scope and intended use

Porotherm blocks are perforated clay blocks manufactured by Wienerberger intended for use in cavity masonry walls above the DPC. Protection may be provided to the external masonry by suitable render, cladding or external wall insulation. The inner leaf is protected by its location as cavity walling or as an internal partition.

The blocks are supplied in thicknesses ranging from 100mm to 365mm and are placed on a bed of ZeroPlus Bed Joint Mortar. The bed surfaces of the blocks are ground flat and parallel such that the target thickness of the bed joint is 1mm. The cross-joints are formed by interlocking features in the header ends of the unit and contain no mortar.

Porotherm blocks can be used up to 3-storeys in all nations of the UK and are suitable for the construction of masonry structures with wide span precast concrete floors.

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 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
- Porotherm blocks are not accepted below DPC.
- Porotherm blocks are suitable in buildings up to 3-storeys
- The Certificate will accept the use of Porotherm for internal & external skins of a cavity wall, subject to additional weather proofing being applied to external face
- The use of Porotherm blocks as a single leaf external masonry wall is not accepted.