hup! External Wall System Approval

STROMA
BUILDING CONTROL
A PHENNA GROUP COMPANY

Certificate Number Stroma 14041

This is to certify that the

hup! External Wall System

provided by

Ultraframe Ltd

Meets the technical requirements of the elements of the Building Regulations 2010 (as amended) specified in the attached schedule

Date of Issue
19th January 2025

Date of expiration
19th January 2026

Signed on behalf of Stroma Building Control Ltd

Andrew Crooks
Executive Director

System Approval Schedules

Certificate Number Stroma 14041

For

Ultraframe (UK) Ltd

Salthill Road

Clitheroe

Lancashire

BB7 1PE

System Approval Schedules

Contents

1. Summary

1.1 "hup!" external wall system by Ultraframe Ltd is an external wall solution for conservatories and domestic extensions. The system is based around a designed insulated structural frame.

1.2 The purpose of this assessment is to determine that the system meets the standards defined within certain relevant functional requirements of the Building Regulations 2010 (as amended) and as detailed in the table below. Note that this assessment is in respect of the wall system only and does not consider whether the overall conservatory extension is exempt from, or compliant with, the provisions of the regulations.

1.3 Building Regulations 2010 Technical Requirements

Requirement A1/A3 Comment	**Loading** The system meets the requirement to safely sustain the relevant loads applied to it. The installer must satisfy themselves as to the adequacy of the existing foundation structure as applicable.
Requirement B4(1) Comment	**External fire spread (Wall only)** The brick slip, and calcium silicate board with render or brick mesh, covering systems meet the requirement to restrict the spread of fire externally across its surface.
Requirement C2 Comment	**Resistance to moisture** The system meets the requirement to resist moisture, surface and interstitial condensation.
Requirement L1 Comment	**Conservation of fuel and power** The system meets the requirement to limit heat loss through the wall construction.

1.4 In support of the above and this process Ultraframe Ltd have provided the following documents for assessment and review:

- hup! wall structural review - 18/08/2022 revision B
- Thermal Transmittance report - Evolusion innovation
- hup! wall specification guide version 1.0 07.22
- hup! wall installation guide version 1.0 07/22

1.5 In addition, a review of the manufacturing process, and an on-site review of the installation process has been carried out by Stroma Building Control Ltd.

2 Product Description

2.1 The hup! wall solution is designed for a domestic conservatory/extension structure

2.2 Each project is individually designed by Ultraframe Ltd.

2.3 The system comprises of the following main components:

- An external finish of masonry brick slips, or a calcium silicate board with a render or brick mesh finish.
- An engineered timber insulated wall panel.
- Plasterboard wall finish.

3 Approval Statement

3.1 Upon review of the details submitted and having regard to the attainment of referenced technical standards the **hup! wall system is hereby approved for compliance** with the referenced functional requirements as cited in Schedule 1 of the Building Regulations 2010 for residential use (purpose groups 1 (a), (b), (c) of Approved Document B) erected as a single storey extension constructed at ground level.

3.2 When submitted in conjunction with a building regulation application to Stroma Building Control for approval this certification is approved for use by:

Ultraframe Ltd

and any installers associated with and approved by the manufacturer for the use of this product.

3.3 The technical standards referred to for the purpose of this assessment are as detailed in section 1.3 above.

3.4 **IDENTIFICATION AND USE OF THE STROMA BUILDING CONTROL LOGOS**
Correct identification of approved Building Systems is desirable in order that purchasers and funding providers understand the status of products presented to them.

Recipients may make use of the **Stroma Building Control System Approval Logo** on marketing and technical documentation subject to approval by Stroma Building Control Ltd.

4 Conditions of Use

4.1 The **Ultraframe Ltd "hup! Wall"** system as assessed by this process is suitable for use in single or multi-occupancy dwelling houses.

4.2 Structural assessments of any existing structure including foundations, floor slab, wall, UPVC/Timber framing, and the relevant parts of the structure of the main dwelling shall be site and project specific and undertaken by the installer's surveyor. These should demonstrate that all the requirements of the relevant Building Regulations and Eurocodes have been met including at least the following:

- The existing foundations are all suitable for supporting the additional loads to be applied by the proposed system.
- The external fabric structure of the main dwelling is suitable for any additional fixings that may be required to support the system.
- The existing external wall of the building is assessed to confirm the need or not for a new cavity tray at the junction with the roof of the new extension.

4.3 These aspects shall be assessed for each use on site and any questions raised in respect of compliance with the building regulations shall be assessed by a suitably competent structural engineer experienced with the system.

4.4 This system approval relates to the aforementioned system as described in the above referenced technical specifications. It is subject to the same exclusions contained therein and all other components and working practices are subject to the requirements of the Building Regulations, manufacturers installation guides and associated standards.

4.5 Under the provisions of Schedule 2 of the Building Regulations 2010 (as amended) a conservatory addition to an existing building would in certain circumstances be exempt from the normal limit of windows, roof windows and doors set at 25% of the floor area of an extension. These caveats include:

- That suitable thermal separation is provided between a conservatory and the main dwelling, and
- The main dwelling heating system must not be extended into a conservatory unless separate controls are provided to the conservatory element.

Where either of these caveats are to be varied as part of the work to replace the roof this must be communicated to Stroma Building Control at the earliest opportunity and may require the client to provide an appropriate thermal analysis calculation to demonstrate compliance. Where required a quote for this service can be obtained from the Stroma Building Control Enerji+ team, contact details can be provided on request or obtained from www.stromabc.com.

4.6 No cutting or alteration of the structural members on site are permitted without obtaining prior written approval from the manufacturer.

4.7 The system is designed to be erected within a short period of time. Suitable provision should be made for the protection of the system components on site prior to the erection process commencing. Construction should be continuous and preferably scheduled during periods of sustained dry weather through to the provision of the permanent covering as soon as is reasonably possible.

4.8 Where an installer proposes to use this certificate as evidence of compliance each project will need to be appraised individually for compliance with the Building Regulations 2010 by Stroma Building Control, based upon the guidance contained in the current Approved Documents. All installations must be notified to Stroma Building Control a minimum of 10 days before work commences on site with the following minimum information and the agreed fee:

- Address of the property including postcode.
- Name of the client/ homeowner.
- Name of the installer.
- Approximate age of existing conservatory and frame type.
- Proposed date of commencement and completion of work on site.

- Proposed additional structural alterations to the existing conservatory.
- Proposed additional structural alterations to the existing main dwelling.
- Proposed alterations to the standard wall covering.

4.9 Where an alternative wall covering is chosen by the client an assessment as to whether that cladding achieves the required surface spread of flame fire classification will be carried out on an individual basis. **Stroma Building Control should be notified at the earliest possible stage of any change to the wall covering specification.**

4.10 Where any alterations to the electrical system are to take place, these must be suitably certificated by a registered competent electrician as compliant with the requirements of Part P and BS 7671. **A copy of this certification must be provided to Stroma Building Control prior to the issue of our final certification.**

4.11 This system approval certificate is valid for a period of **one year** from the date of issue. This limitation is placed in order that the impact of new and changing relevant regulations can be assessed.

4.12 This is a system approval of the aforementioned system only. It can only be used in conjunction with an application submitted to Stroma Building Control acting in their role as an Approved Inspector. Any additional site specific information may be requested that is not encompassed by the detail contained in the approval.