

House Type Approval Certificate

Certificate No: **STAS/21/052/DM115/UCR**

Date: **30 November 2021**

A	Certificate Holder: CALA Homes Ltd Adam House, 5 Mid New Cutlins, Edinburgh EH11 4DU E-mail: SKelso@Cala.co.uk Tel: 0131 453 0072
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B	House Type Titles:
Description:	2021 Regulations CALA HOMES - LIGHT AND SPACE = CONTEMPORARY RANGE – U-Values and Condensation Risk

C	The domestic type approval has been assessed on the following drawings and specifications: See attached annexe to this certificate
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D	Climatic conditions: The design may be built in areas where the climatic conditions are equal to or less than those detailed below:		
Wind: (as defined in BS 6399-2)	Standard effective wind speed, V_e = For maximum effective height = Has funnelling been considered?	24.5 m/s 16m to ridge No	
Wind: (as defined in CP3: Chapter V)	Design wind speed, V_s = (relevant to the building frame, at a height of 3m or less)	24.5m/s	
Snow: (as defined in BS 6399-3)	Site snow load, S_o = Influenced by adjacent buildings?	0.75 kN/m² No	
Resistance to moisture/durability of exposed elements:	Max exposure (to wind driven rain) grading, as defined in BRE Report – Thermal Insulation: Avoiding Risks, Second Edition, 1994, to be exposure zone: Exposure to sea spray (i.e. coastal region) or de-icing salts? Other air contaminants or biological factors – please specify any enhanced resistance if applicable (refer to BS7543 for guidance)	Exposure Zones 1, 2, 3 and 4 No None	
Design Life: (per BS 7543 – Durability of buildings and building elements, products and components)	Category of building design life = Design life of primary building envelope	60 years 60 years	

E	Conditions of certification:
1.	The design shown and the specifications and materials referred to have been assessed and approved in accordance with the Building (Scotland) Regulations 2004 and in accordance with the supporting guidance in the Domestic Technical Handbooks which came into force with effect from 1 March 2021 .
2.	The certificate shall be valid until invalidated by formal notice by the Local Authority Building Standards Scotland
3.	The design shown and the materials specified shall not be changed without reference to the Local Authority Building Standards Scotland responsible for certifying the system.
4.	Where reference is made on a plan or specification document to any Code of Practice, British or European Standard or manufacturer's instruction it shall be construed as a reference to such publication in the form in which it is in force at the material time at the point of construction.
5.	This certificate should not be regarded as a formal approval under the building warrant process prescribed by the Building (Scotland) Act 2003 enacted from 1 May 2005
6.	The Harley Haddow Consulting Engineers Statement of Structural Adequacy referenced here under Section G, confirm that a

structural appraisal has been carried out. It confirms that further site-specific information MUST BE made available when a site-specific building warrant is sought. Such additional information should take cognisance of Procedural Guidance on Certification including information to be submitted with a Building Warrant Application dated April 2010 Version 2 (January 2017). Confirmation of a holistic approach to structural adequacy of the entire completed building shall be provided by a registered engineer to the local authority within whose area the site-specific dwelling is to be built.

Annexe of drawings, certificates and specification documents used in the assessment:

F	Document Reference:	Revision:	Description:
	STAS Drawing Register Light and Space - 280921		
	Psi Value Certificates		
	E2.pdf		
	E3.pdf		
	E4.pdf		
	E5.pdf		
	E6.pdf		
	E10.pdf		
	E11.pdf		
	E12.pdf		
	E13.pdf		
	E16.pdf		
	E17.pdf		
	E18.pdf		
	E20.pdf		
	E21.pdf		
	E25.pdf		
	P1.pdf		
	P4.pdf		
	U-values		
	Block & Render External Wall 'U' Value	060420	
	Concrete Ground Floor 'U' Value	060420	
	Dormer Cheeks (Leadwork) - 'U' Value	270818	
	Dormer Cheeks (Render Lath) - 'U' Value	270519	
	Garage Separating Wall (with service void) 'U' Value	060420	
	Garage Separating Wall (without service void) 'U' Value	060420	
	Garage Separating Wall Floor 'U' Value	060420	
	Pitched Roof Insulated Flat Ceiling 'U' Value	060420	
	Pitched Roof Insulated Sloping Ceiling 'U' Value	060420	
	Vertical Coombe - 'U' Value	270818	
	External Wall – Cladding – 'U' Value	240419	
	External Wall – Facing Brick – 'U' Value	240419	
	Flat Roof Dormer – Inverted – 'U' Value	240419	

G	Certification:	Revision:	Description:
	CALA Group Ltd Light And Space Contemporary House Type Range	B	Harley Haddow (Edinburgh) Ltd STAS Approval - Statement of Structural Adequacy Reference 300722 Revision B dated 18 March 2021

H	Specification:	Revision:	Description:
	Refer to Standard Details - STAS21052DM115SD		Standard Details
	Refer to Standard Specifications - STAS21052DM115SS		Standard Specifications

I	Authority:
	This system type approval certificate consisting of 2 pages is authorised by West Lothian Council on behalf on behalf of the Local Authority Building Standards Scotland (LABSS).