

## House Type Approval Certificate

Certificate No: **STAS/22/052/DM110/UCR**

Date: **14 June 2022**

<b>A</b>	<b>Certificate Holder:</b>
	<b>CALA Homes Ltd</b> <b>Adam House, 5 Mid New Cutlins, Edinburgh EH11 4DU</b> <b>E-mail: SKelso@Cala.co.uk</b> <span style="float: right;"><b>Tel: 0131 453 0072</b></span>

<b>B</b>	<b>House Type Titles:</b>
	<b>Description: CALA HOMES - LIGHT AND SPACE RANGE STANDARD FLATS – U-Values and Condensation Risk</b>

<b>C</b>	The domestic type approval has been assessed on the following drawings and specifications:
	<b>See attached annexe to this certificate</b>

<b>D</b>	<b>Climatic conditions:</b> The design may be built in areas where the climatic conditions are equal to or less than those detailed below:		
	<b>Wind:</b> (as defined in BS 6399-2)	<i>Standard effective wind speed, <math>V_e</math> =</i> For maximum effective height = Has funnelling been considered?	<b>24.5 m/s</b> <b>16m to ridge</b> <b>No</b>
	<b>Wind:</b> (as defined in CP3: Chapter V)	<i>Design wind speed, <math>V_s</math> =</i> (relevant to the building frame, at a height of 3m or less)	<b>24.5m/s</b>
	<b>Snow:</b> (as defined in BS 6399-3)	<i>Site snow load, <math>S_o</math> =</i> Influenced by adjacent buildings?	<b>0.75 kN/m<sup>2</sup></b> <b>No</b>
	<b>Resistance to moisture/durability of exposed elements:</b>	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)	<b>Exposure Zones 1, 2, 3 and 4</b> <b>No</b> <b>None</b>
	<b>Design Life:</b> (per BS 7543 – Durability of buildings and building elements, products and components)	Category of building design life = Design life of primary building envelope	<b>60 years</b> <b>60 years</b>

<b>E</b>	<b>Conditions of certification:</b>
	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 date of this certificate.
	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. This certificate should be read with the related certificate STAS/22/052/DM110/SD and STAS/22/052/DM110/SS

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

<b>F</b>	<b>Description:</b>
	<b>Supporting Specifications</b>
	1 1A DM110 Cala Light & Space Flats - U-Values and Condensation Risk – General
	<ul style="list-style-type: none"> <li>• Flat A Concrete GF U-Value 010420</li> <li>• Flat B Concrete GF U-Value 010420</li> <li>• Flat C Concrete GF U-Value 010420</li> <li>• Flat D Concrete GF U-Value 010420</li> <li>• Flat E Concrete GF U-Value 010420</li> <li>• Flat F Concrete GF U-Value 010420</li> <li>• External Wall (Block &amp; Render) U-Value 010420</li> <li>• Flat Roof U-Value &amp; Condensation Risk Analysis 220321</li> <li>• Flat-Stair Core Wall U-Value 010420</li> <li>• Pitched Roof Insulated Flat Ceiling U-Value 010420</li> <li>• Light &amp; Space Flats U-Values and Condensation Risk Analysis Pack (May 2021)</li> </ul>
	1 1A DM110 Cala Light & Space Flats Balcony All Psi Values
	<ul style="list-style-type: none"> <li>• E2 Certificate</li> <li>• E3 Certificate</li> <li>• E4 Certificate</li> <li>• E5 Certificate</li> <li>• E6 Certificate</li> <li>• E9 Certificate</li> <li>• E9v2 Certificate</li> <li>• E10 Certificate</li> <li>• E12 Certificate</li> <li>• E15 Certificate</li> <li>• E16 Certificate</li> <li>• E17 Certificate</li> <li>• E18 Certificate</li> <li>• E20 Certificate</li> <li>• E21 Certificate</li> <li>• E25 Certificate</li> <li>• P1 Certificate</li> <li>• P4 Certificate</li> </ul>
<b>G</b>	<b>Authority:</b>
	This system type approval certificate consisting of 2 pages is authorised by <b>Scottish Borders Council</b> on behalf of the Local Authority Building Standards Scotland (LABSS).