

House Type Approval Certificate

Certificate No: **STAS/12/039/DM36/01**

Date: **25 January 2013**

A	Certificate Holder:
	<p>STEWART MILNE HOMES (CENTRAL SCOTLAND OFFICE), Kestrel House, 3 Kilmartin Place, Tannochside Business Park, UDDINGSTON G71 5PH STEWART MILNE HOMES (NORTH SCOTLAND OFFICE), Osprey House, Mosscroft Avenue, Westhill, ABERDEEN AB32 6QJ</p> <p>E-mail: aspeirs@stewartmilne.com</p> <p style="text-align: right;">Tel: 01698 804804 (Uddingston) Tel: 01224 747201 (Aberdeen)</p>

B	House Type Titles:
	<p>Description: Stewart Milne Standard House Type S11-101A-4D (2010) CARLTON</p>

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

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)	<i>Standard effective wind speed, V_e =</i> For maximum effective height = Has funnelling been considered?	41.4 m/s 8.5 m NO
	Wind: (as defined in CP3: Chapter V)	<i>Design wind speed, V_s =</i> (relevant to the building frame, at a height of 3m or less)	N/A
	Snow: (as defined in BS 6399-3)	<i>Site snow load, S_o =</i> Influenced by adjacent buildings?	0.64 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
	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:
	<ol style="list-style-type: none"> 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 October 2011. The certificate shall be valid until invalidated by formal notice by the Local Authority Building Standards Scotland 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. 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. 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 The Fairhurst Statement of Structural Adequacy referenced here under Section H, 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. Confirmation of a holistic approach to structural adequacy of the <u>entire completed building</u> 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	Drawing Number:	Description:
1	10 B	Plans, Elevations & Sections
	07	Foundation and Drainage Plans (Suspended Slab)
	08	Foundation and Drainage Plans (GB Slab)
2	21	Elevations – Masonry/Render Finish
3	23	Elevations – Render/Masonry Finish
4	26	Elevations – Masonry Finish
	31	WC Layout (20078 % 2010 Regs)
	52	Drainage Isometric
5	70	Linings Layout – Ground Floor
	71	Linings Layout - First Floor
6	EW A	External Works Plan

G	Certification	
	Statement of Structural Adequacy	Fairhurst
	SRL Technical Report (Testing for Airborne and Impact Sound Insulation for "I" Joists)	
	BBA Agreement (02/3932) for Monarperm 700 Breathable Underlay	
	SAP Register Sheet	101A-4D-Carlton SAP TER-DER-W-Worst Case – Updated October 2012

H	Specification	
	Woodlands House Type 2010 Building Warrant Specification – Variation C	STAS/11/039/DM33/STANDARDDETAILS/SPECIFICATIONS – Updated 19 November 2012
	Woodlands House Type 2010 Building Warrant Window and Door Schedules	STAS/11/039/DM33/STANDARDDETAILS/SPECIFICATIONS – Updated 19 November 2012
	JJI-Joist Technical Information	
	Ariston "Gas Boilers CLAS HE" Brochure September 2011	
	Typical Generic "Sustainability Label" for ref STAS/11/039/DM33/01-36	
	2011 Woodlands House Type – Myson Heating Schedule 15600-29	Heating Design - Carlton S11-1012A-4D – 19 November 2012

I	Authority:	
	This system type approval certificate consisting of 2 pages is authorised by:	Signature:
		<i>Robert A Renton, Secretary to STAS</i>
		on behalf of the Local Authority Building Standards Scotland (LABSS)