

House Type Approval Certificate

Certificate No: **STAS/19/O56/DM99/11**
Date: **05 December 2019**

A	Certificate Holder:	
	Barratt East Scotland Telford House, 3 New Mid Cutlins, EDINBURGH EH11 4DH E-mail: matthew.watson@barratthomes.co.uk Tel: 0131 442 5700	

B	House Type Titles:	
	Description: 2017 Standards	BRORA H433R-S8 DETACHED

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)	Standard effective wind speed, V_e = For maximum effective height = Has funnelling been considered?	41.4 m/s 8.5 m 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)	N/A
	Snow: (as defined in BS 6399-3)	Site snow load, S_o = 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 Yes/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"> 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 July 2017. 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. Bayne Stevenson Associates Ltd Statement of Structural Adequacy dated May 2019 referenced here under Section G, confirms that a structural appraisal has been carried out. 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.

F	Authority:
	This system type approval certificate consisting of 2 pages is authorised by: <div style="float: right; text-align: right;"> ANGUS COUNCIL as Lead Authority on behalf of the Local Authority Building Standards Scotland (LABSS) </div>

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

G	Certification	
	Bayne Stevenson Associates Ltd - Statement of Structural Adequacy dated May 2019 – SER1-DB-0288	Job No. J3497 DWH 2018 House Type Range (Hipped roofs) - H408/H411/H421/H454/H469/P370E/P370I/T368E/T368I/H417/H433/H436/H453/H350/T366E/T366I
	Regulation Compliance Report	2017
	DER 2009 Worksheet TER 2009 Worksheet	H433R-S8 Brora – Detached TF Blue Spec – North Facing, 2017 Range – Blue North, Partial Stone, David Wilson Homes. H433R-S8 Brora – Detached TF Blue Spec – North Facing, 2017 Range – Blue North, Partial Stone, David Wilson Homes.
	Front Elevation Rear Elevation	Eco2Solar - Solar PV Arrangement – H433R-S7 Eco2Solar – Solar PV Arrangement – H433R-S7
H	Specification	
	BARRATT SCOTLAND Specification Caledonia & Alba Range 2017 Technical Standards	Caledonia and Alba range – 2017 Technical Standards – detached and attached two and three storey timber frame houses – March 2019
I	Drawing Number:	Description:
	H433R-S8 Brora	
	H433R-S8	Data Sheet
	H433R-S8A	Elevations
	H433R-S8	Ground Floor Plan
	H433R-S8	First Floor Plan
	H433R-S8	Foundation Plan
	H433R-S8	Joist Plan
	H433R-S8A	Roof Plan
	H433R-S8	Section A-A
	H433R-S8	Kitchen Layout Plan Std
	H433R-S8	Kitchen Layout Plan Upgrade
	H433R-S8	Future Shower Room
	H433R-S8A	Planning Drawings - Elevations
	H433R-S8A	Planning Drawings – Floor Plans
	H433R-S8	Marketing
	H433R-S8	Brochure
		Structural Engineer's Booklet and Drawings
	J3497 – 136	H433R-S8 Loadings, Foundation & Ground Floor Slab Layout
J3497 – 287	H433R-S8 Superstructure	
J3497 – 288	H433R-S8 Loadings, Details & Notes	
	Coates Heating & Hot Water	
17/034 – 037C	Heating Installation GF	
17/034 – 038C	Heating Installation FF	
17/034 – 039A	Hot & Cold Water GF	
17/034 – 040A	Hot & Cold Water FF	