



House Type Approval Certificate

Certificate No: S

STAS/19/056/DM96/03

10 June 2019

Certificate Holder: Barratt Homes North Scotland, Blairton House, Old Aberdeen Road, Balmedie, Aberdeenshire, AB23 8SH E-mail: garry.bisset@barratthomes.co.uk Tel: 01358 741 320 House Type Titles: Description: 2017 Standards **BIRKWOOD -18** The domestic type approval has been assessed on the following drawings and specifications: See attached annexe to this certificate Climatic conditions: The design may be built in areas where the climatic conditions are equal to or less than those D detailed below: Wind: (as defined in BS 6399-2) Standard effective wind speed, Ve = 41.4 m/s For maximum effective height = 8.5 m Has funnelling been considered? NO Wind: (as defined in CP3: Design wind speed, Vs = N/A Chapter V) (relevant to the building frame, at a height of 3m or less) Site snow load, So = Snow: (as defined in BS 6399-3) 0.64 Kn/m2 Influenced by adjacent buildings? No **Resistance to** Max exposure (to wind driven rain) grading, as defined in Exposure Zones 1, 2, moisture/durability of exposed BRE Report - Thermal Insulation: Avoiding Risks, 3 and 4 elements: 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 Yes/No specify any enhanced resistance if applicable (refer to BS7543 for guidance) Design Life: (per BS 7543 -Category of building design life = 60 years Durability of buildings and building elements, products and Design life of primary building envelope 60 years components)

E Conditions of certification:

- 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.
 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. Fairhurst letter dated 25 February 2019 reference 100982 STAS.ltr04 Standard House Types Birkwood.lb referenced here under Section G, confirm 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.





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

F	Drawing Number:	Description:	Version			
			1			
	2017/S/BWD/DS1	Data Sheet	-			
	2017/S/BWD/01	Planning Drawings	A			
	2017/S/BWD/02	Elevations	-			
	2017/S/BWD/03	Ground Floor Plan	A			
	2017/S/BWD/04	First Floor Plan	A			
	2017/S/BWD/05	Foundation Plan	A A			
	2017/S/BWD/05SEG	Foundation Plan External Gully	A			
	2017/S/BWD/06	Joist Plan	-			
	2017/S/BWD/07	Roof Plan				
	2017/S/BWD/08	Section A-A	-			
	2017/S/BWD/09	Section B-B				
	2017/S/BWD/10	Section C-C				
	2017/S/BWD/11	Kitchen Layout	A			
	2017/S/BWD/12	Utility Plan				
	2017/S/BWD/13	Bedroom 4 Activity Spaces				
	2017/S/BWD/14	Future Shower Room	-			
	Structural Engineers Drawings					
	100982-3326	Foundation Layout				
	100982-4671	Timber Kit Appraisal				
	100982-4751	External Lintels & MJ				
	100982-STAS.ltr04	Letter re: Design Calculations	- -			
		Letter re: Design Galealations				
	Coates Heating & Hot Water					
	17/008-201	Heating Installation GF	A			
	17/008-202	Heating Installation FF	A			
	17/008-203	Hot & Cold Water GF	A			
	17/008-204	Hot & Cold Water FF	-			
	Eco 2 Solar PV					
	Solar PV Arrangement – Birkwood					
	SAP Certification					
	BBWD 017D	Birkwood Detached Section 6 201	17			
	Specification					
	Barratt North Scotland Timber Frame 20	17 Specification A				

G	Certification	
	Statement of Structural Adequacy	Fairhurst letter dated 25 February 2019 reference 100982 STA.ltr04 Barratt
		North Scotland – House Type Birkwood.lb

Н	Authority:	
	This system type approval certificate consisting of 2 pages is authorised by:	
	Aberdeen City Council as Lead Authorit	
	on behalf of the Local Authority Building Standards Scotland (LABSS)	