

Local Authority Building Standards Scotland [LABSS]



formerly the Scottish Association of Building Standards Managers [SABSM]

House Type Approval Certificate

 Certificate No:
 STAS/18/015/DM50/02/AMD04

 Date:
 01 February 2019

A Certificate Holder:

Springfield Properties, Springfield House, 3 Central Park Avenue, Larbert, FK5 4RX

E-mail: craig.veldon@springfield.co.uk Tel: 01324 555536

B House Type Titles:

Description: Balerno – 4B 1287dt detached two storey house with integrated garage

The domestic type approval has been assessed on the following drawings and specifications:

See attached annexe to this certificate

ME 1 (1 C 1: DO 0000 0) 10(1 1 C 1: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Wind: (as defined in BS 6399-2)	Standard effective wind speed, Ve = For maximum effective height = Has funnelling been considered?	44.1 m/s 10.0m NO
Wind: (as defined in CP3: Chapter V)	Design wind speed, Vs = (relevant to the building frame, at a height of 3m or less)	25.5 m/s
Snow: (as defined in BS 6399-3)	Site snow load, So = 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	Zone 4
	enhanced resistance if applicable (refer to BS7543 for guidance)	NO
Design Life: (per BS 7543 – Durability of buildings and building	Category of building design life =	60 years

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.
- 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
- The Bill Henderson Consulting Engineer Ltd amended statement dated 26 October 2018 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 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.



Local Authority Building Standards Scotland [LABSS]



formerly the Scottish Association of Building Standards Managers [SABSM]

as & Air Source Heat Pump Hybrid Heating as & Air Source Heat Pump Hybrid Heating action Bearing Floor Slab ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish int to Masonry
as & Air Source Heat Pump Hybrid Heating uction Bearing Floor Slab ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish
as & Air Source Heat Pump Hybrid Heating uction Bearing Floor Slab ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish
as & Air Source Heat Pump Hybrid Heating uction Bearing Floor Slab ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish
as & Air Source Heat Pump Hybrid Heating uction Bearing Floor Slab ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish
as & Air Source Heat Pump Hybrid Heating uction Bearing Floor Slab ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish
as & Air Source Heat Pump Hybrid Heating uction Bearing Floor Slab ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish
as & Air Source Heat Pump Hybrid Heating uction Bearing Floor Slab ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish
Joction Bearing Floor Slab ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish
Joction Bearing Floor Slab ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish
Bearing Floor Slab ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish
Bearing Floor Slab ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish
Bearing Floor Slab ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish
Bearing Floor Slab ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish
Bearing Floor Slab ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish
Bearing Floor Slab ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish
Bearing Floor Slab ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish
Bearing Floor Slab ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish
Bearing Floor Slab ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish
Bearing Floor Slab ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish
Bearing Floor Slab ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish
Bearing Floor Slab ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish
ed Slab ab, Polished Finish ng Slab, Polished Finish n, Polished Finish
ab, Polished Finish ng Slab, Polished Finish , Polished Finish
ng Slab, Polished Finish , Polished Finish
, Polished Finish
int to Masonry
int to Masonry
er Detail
ei Detaii
I-1 I-1-4-
lel Joists
endicular Joists
lel Joists
nt
Ground & First Floor Level
Wall Head
Window Head
nder
r
ing
lender
der
ladding
dding
eshold Polished Slab Finish
Threshold Polished Slab Finish
TOTAL TOTAL OLD THINT



Local Authority Building Standards Scotland [LABSS]



formerly the Scottish Association of Building Standards Managers [SABSM]

	608 SK(BRNO)20 B	Structural overlay	
	000 011 D11110 20 D	Ottuotului Ovoliuy	
_	Certification:		
G		Familia de la constanta de la	
	BRE Global Ltd Certificate of Design (Section6 –	For all house types	
	Energy) STAS/13/053/RD06/01	Designatored detail contificate for ventilation evetors	
	Amended Statement of structural adequacy	Registered detail certificate for ventilation system From Bill Henderson Consulting Engineer Ltd dated 26 October 2018	
	Amended Statement of Structural adequacy	From Bill Henderson Consulting Engineer Ltd dated 26 October 2016	
- 11	A 10 (1)		
Н	Specification:	5 81	
	Springfield – 2019 Building Standards Technical	For all house types	
	Specification Mainstream Housing – Timber Frame		
	Hybrid Air Source Heat Pump & Gas Central		
	Heating, Date 01/01/2019		
	Stroma SAP ratings 2012	For all house types	
	Section 6 Certificate of Design covering letter	Moda letter dated 17 December 2018	
	Sustainability Bronze Level	Balerno	
	BRE report	Intermediate Floor sound test	
	Sound test c/03/5I/0835/1	Intermediate Floor sound test report	
	Vent Axia Lo-carbon dMEV unit	Manufacturers information for ventilation system	
	Bill Henderson Consulting Engineer Ltd	Introduction	
	Calculation Sheet 608(i)W1		
	Bill Henderson Consulting Engineer Ltd	Notes for Timber Kit manufacture	
	Calculation Sheet 608(ii)W2	\ U'	
	U-value calculation	Floor – BALERNO 0.16	
	U-value calculation	Floor – exposed floor over garage 0.14	
	U-value calculation	Rendered External Wall 0.21	
	U-value calculation	Timber Clad External Wall 0.21	
	U-value calculation	Wall – garage wall – 145mm insulation 0.2	
	U-value calculation	Roof - main roof – 300mm insulation 0.15	
	U-value calculation	Roof – slope roof – 150 + 30mm insulation 0.14	
	U-value calculation	Wall – dwarf walls 150mm insulation 0.24	
	Robust Wall specification	Bill Henderson Consulting Engineer Ltd – letter and fixing specification dated 7 March	
		2017	
1	Authority:	7	

-1	Authority:		
	This system type approval certificate consisting of 3 pages is authorised by:	Signature:	Dallie.
	10	Lead Authority Building standards Manager on behalf of the Local Authority Building Standards Scotland (LABSS)	

Appendix A

		Appelluix A		
Regulation 9	Decision	STAS Condition		
Provisions on which dispensation is given				
Technical Standard 3.12 Sanitary facilities (E Every building must be designed and construway that sanitary facilities are provided for all and visitors to, the building in a form that allo of use and that there is no threat to the health occupants or visitors.	engineers spectoccupants of, we convenience an and safety of engineer specification decrease engineers engineers specification decrease engineers engineers specification decrease engineers engineer	cification (Bill sanitary facility shall be constructed to Bill Henderson Consulting		
Guidance Clause 3.12.3 of the Technical Hall dwellings identifies that walls adjacent to any are of robust construction that will permit sec rails or other aids in the zones noted in figure	sanitary facility ure fixing of grab			