

# Certificate

Certified Passive House Classic



Mead:  
Energy &  
Architectural  
Design Ltd.

Authorised  
by:



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## Seldom Seen



Client	[REDACTED]
Architect	Hill Design 1, Clifton Villas, Balmoral Road BS7 9AY Bristol, United Kingdom/ Britain
Building Services	Green Building Store, Heath House Mill Heath House Lane, Golcar HD7 4JW Huddersfield, United Kingdom/ Britain
Energy Consultant	Hill Design 1, Clifton Villas, Balmoral Road BS7 9AY Bristol, United Kingdom/ Britain

Passive House buildings offer excellent thermal comfort and very good air quality all year round. Due to their high energy efficiency, energy costs as well as greenhouse gas emissions are extremely low.

The design of the above-mentioned building meets the criteria defined by the Passive House Institute for the 'Passive House Classic' standard:

Building quality		This building		Criteria	Alternative criteria
Heating	Heating demand [kWh/(m <sup>2</sup> a)]	11	≤	15	-
	Heating load [W/m <sup>2</sup> ]	8	≤	-	10
Cooling	Frequency of overheating (> 25 °C) [%]	0	≤	10	
Airtightness	Pressurization test result (n <sub>50</sub> ) [1/h]	0.4	≤	0.6	
Non-renewable primary energy (PE)	PE demand [kWh/(m <sup>2</sup> a)]	73	≤	120	

The associated certification booklet contains more characteristic values for this building.

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Certifier: Kym Mead, MEAD Ltd