

Certificate

Certified Passive House Plus

WARM

Authorised
by:



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Seaton Beach The Esplanade, EX12 2NP Seaton, United Kingdom/ Britain



Client	Seaton Beach Development Ltd Seaton Beach, The Esplanade EX12 2NP Seaton, United Kingdom/ Britain
Architect	Gale & Snowden Exeter Bank Chambers, 67 High Street EX4 3DT Exeter, United Kingdom/ Britain
Building Services	Total Home Environment, Swallow House Cotswold Business Park, London Road GL56 0JQ Moreton-in-Marsh, United Kingdom/ Britain
Energy Consultant	Gale & Snowden Exeter Bank Chambers, 67 High Street EX4 3DT Exeter, 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 Plus' standard:

Building quality		This building	Criteria	Alternative criteria
Heating	Heating demand [kWh/(m ² a)]	12	≤ 15	-
	Heating load [W/m ²]	11	≤ -	10
Cooling	Frequency of overheating (> 25 °C) [%]	1	≤ 10	
Airtightness	Pressurization test result (n ₅₀) [1/h]	0.5	≤ 0.6	
Renewable primary energy (PER)	PER-demand [kWh/(m ² a)]	39	≤ 45	39
	Generation (reference to ground area) [kWh/(m ² a)]	56	≥ 60	39

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

Plymouth, 10/32020

Certifier: Sally Godber, WARM: Low Energy Building Practice