

# EnerPHit Verification



<b>Building:</b>	Skylarks	
Street:		
Postcode/City:	Battisborough Cross	
Province/Country:	Devon	GB-United Kingdom/ Britain
Building type:	Dwelling	
Climate data set:	GB0005a-Exeter	
Climate zone:	4: Warm-temperate	Altitude of location: 108 m
<b>Home owner / Client:</b>	Simon Martin and Nirosha Gunatillake	
Street:		
Postcode/City:		
Province/Country:		
<b>Mechanical engineer:</b>		
Street:		
Postcode/City:		
Province/Country:		
<b>Certification:</b>		
Street:		
Postcode/City:		
Province/Country:		
Year of construction:		Interior temperature winter [°C]: 20.0
No. of dwelling units:	1	Interior temp. summer [°C]: 25.0
No. of occupants:	3.1	Internal heat gains (IHG) heating case [W/m²]: 2.3
		IHG cooling case [W/m²]: 5.0
		Specific capacity [Wh/K per m² TFA]: 132
		Mechanical cooling:

<b>Architecture:</b>	Rob Rickey Design	
Street:	16 George Hill	
Postcode/City:	EX17 2DT	Crediton
Province/Country:	Devon	UK
<b>Energy consultancy:</b>		
Street:		
Postcode/City:		
Province/Country:		

## Specific building characteristics with reference to the treated floor area

	Treated floor area m²		Criteria		Fullfilled? <sup>2</sup>
			Criteria	Alternative criteria	
<b>Space heating</b>	Heating demand kWh/(m²a)	23	≤	20	no
	Heating load W/m²	16	≤	-	
<b>Space cooling</b>	Cooling & dehum. demand kWh/(m²a)	-	≤	-	-
	Cooling load W/m²	-	≤	-	
	Frequency of overheating (> 25 °C) %	0	≤	10	
	Frequency of excessively high humidity (> 12 g/kg) %	0	≤	20	yes
<b>Airtightness</b>	Pressurization test result n <sub>50</sub> 1/h	1.6	≤	1.0	no
<b>Non-renewable Primary Energy (PE)</b>	PE demand kWh/(m²a)	118	≤	145	yes
<b>Primary Energy Renewable (PER)</b>	PER demand kWh/(m²a)	49	≤	-	-
	Generation of renewable energy (in relation to projected building footprint area) kWh/(m²a)	22	≥	-	

<sup>2</sup> Empty field; Data missing; '-': No requirement

I confirm that the values given herein have been determined following the PHPP methodology and based on the characteristic values of the building. The PHPP calculations are attached to this verification.

**EnerPHit Classic?**  **no**  
Signature:

Task:	First name:	Surname:
	Rob	Rickey
Issued on:	City:	

Project data imported from designPH 1.6.02

PHPP9 display.code:

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