Certificate

Certified Passive House Plus

zepassiv Authorised by: Passive House Institute

3 Elm Grove
M20 6PL Manchester
United Kingdom

Dr. Wolfgang Feist
64283 Darmstadt
Germany

Casa das Júlias

Portugal

Certified Passivhaus
Passivhaus Institut
| classic | plus | premium |

Client	Rita Nobre Pereira 8150-165 São Brás de Alportel, Portugal
Architect	Rita Nobre Pereira 8150-165 São Brás de Alportel, Portugal
Building Services	ConceitBase, Lda. Rua de Macau, 33A 2685-349 Prior Velho, Portugal
Energy Consultant	Rita Nobre Pereira 8150-165 São Brás de Alportel, Portugal

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/(m²a)]	10	≤	15	-
Heating load	[W/m²]	15	≤	-	10
Cooling					
Frequency of overheating (> 25 °C)	[%]	6	≤	10	
Frequency of excessively high humidity	[%]	12	≤	20	
Airtightness					
Pressurization test result (n_{50})	[1/h]	0.2	≤	0.6	
Renewable primary energy (PER)					
PER-demand	[kWh/(m²a)]	24	≤	45	30
Generation (reference to ground area)	[kWh/(m²a)]	48	≥	60	48

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

Reseller Certification Training * PHI accredited *
Zero Energy +Passivhaus

Manchester
30.09.2026

Certifier: Dr Jesus Menendez Amigo, ZE Passivhaus Services Ltd