Certificate

Certified PHI Low Energy Building

DETAIL GREEN

18 Fletcher Rd
3747 Beechworth
Australia

Authorised by:

Passive House Institute

Dr. Wolfgang Feist
64283 Darmstadt
Germany

12 Fifth Avenue, 3230 Anglesea, Australia

PHI Low Energy Building

Client	APHI Projects 6 School Street 3220 Geelong , Australia
Architect	Zen Architects
Building Services	APHI Projects
Energy Consultant	HIP V. HYPE

The characteristic energy values of buildings certified according to the PHI Low Energy Building Standard are verified as thoroughly as for Passive House certification. However, due to various reasons PHI Low Energy Buildings have a somewhat higher energy demand (criteria: see www.passivehouse.com).

The design of the above-mentioned building meets the criteria defined by the Passive House Institute for the PHI Low Energy Building Standard:

Building quality		This building		Criteria	Alternative criteria
Heating					
Heating demand	[kWh/(m²a)]	22	≤	30	
Cooling					
Cooling + dehumidification demand	[kWh/(m²a)]	1	≤	30	
Airtightness					
Pressurization test result (n_{50})	[1/h]	0.6	≤	1.0	
Renewable primary energy (PER)					
PER-demand	[kWh/(m²a)]	45	≤	75	75

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

Beechworth
4/04/2025

Certifier: Luc Plowman, Detail Green