



#PHTawards2023

MODERNIST ENERPHIT PLUS

“There is no gas, it is all solar and electric. All these elements work in conjunction with each other perfectly”

Aline (Client)



KEY STATS:

159 m ² TFA	2 Occupancy + dog	2022 Certified
£2,257 £/m ² Construction costs	£1,949 £/a Running costs <small>£946 with PV Generation</small>	0.37 £946 / £2500 Cost comparison

PERFORMANCE:

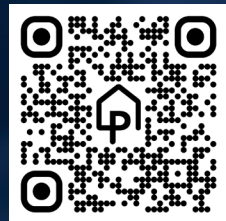
25 kWh/m ² a Heat demand	14 W/m ² Peak heat load	1 ACH Airrightness
54 kWh/m ² a Primary Energy Demand	77 kWh/m ² a Primary Energy Generation	29.6 kWh/m ² a EUI
11.01 £/m ² Demand running costs	6 Overheating %	561 kgCO ₂ e/m ² Embodied Carbon

A 1960s modernist house that had not been touched for 50 years before RDA Architects reconfigured it to EnerPHit Plus standards while still being subservient to the original design.

LOCATION: Lambeth, London
BUILDING TYPE: Residence

STANDARD: EnerPHit Plus
CONSTRUCTION: Masonry Construction

FORM FACTOR: 3.06



TEAM CREDITS: RDA Architects, Ecospheric, PJS Building & Maintenance, Michael Baigent Orla Kelly Ltd, MEAD Consulting, MSLD

THANKS TO SPONSORS