



International Passive House Open Days

10-12 November 2023



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Streamlined EnerPHit renovation process

A house that consumed 531kWh/m²/a fell to 35.18 with excellent conditions for users. From being moldy, it is now a healthy home that offers an excellent indoor atmosphere thanks to mechanical ventilation with heat recovery and air free of dust, pollen and harmful micro-particles. It is also a very quiet house thanks to the increased airtightness which does not allow external noises to pass into the building. Finally, there is no trace of mold and the house is already starting to save the owners money.

Parties involved: Hellenic Passive House Institute

Year of construction: 1960

Building type: Single family house
separated to 2 apts, with +

Construction type: Reinforced concrete with brick
walls +

Treated Floor Area (m²): 147,9m²

Climate: Warm

Airtightness: 0,76

Annual heating demand kWh / (m²a): 35,18kWh/m²/a

Heating load W/m²: 21 W/m²

PE demand (non-renewable Primary Energy) in kWh/(m²a): 103

Renewable energy generation in kWh/(m²a): Renewable energy generation 4

Final energy consumption for:

Electricity in kWh/(m²a): approx. 40.56 kWh/m²/a

Other in kWh/(m²a): (Oil, gas, district heating, ...please specify)

Remarkable features:

#iPHopendays

20
years

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Photo: Jacques Ferrier Architecture, Metropole Rouen Normandie

International

PASSIVE HOUSE

Association



outPHit



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