

Passive House em Ílhavo

Largo da Palmeira, Ílhavo
Reabilitação - refurbishment
Em certificação



Este projecto refere-se à reabilitação Passive House dum edifício de habitação bifamiliar que se encontrava devoluto.

A Casa da Palmeira irá obter a Certificação Passive House após a sua conclusão e será a primeira reabilitação em Portugal com a Certificação Passive House.

This project refers to the Passive House rehabilitation of a two-family housing building that was vacant.

The Casa da Palmeira will obtain Passive House Certification upon completion and will be the first rehabilitation in Portugal with Passive House Certification.

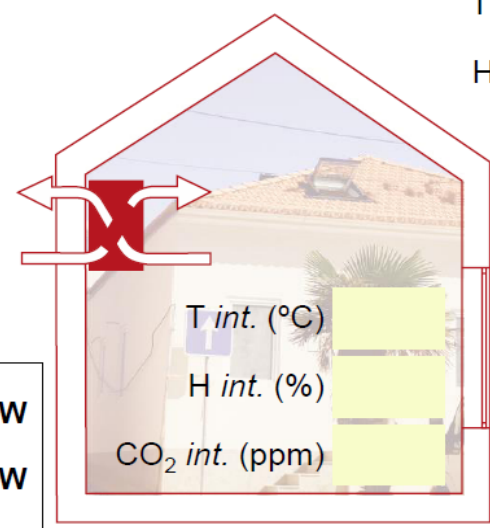
Specific building characteristics with reference to the treated floor area			Criteria	Alternative criteria	Fullfilled? ²
Space heating	Treated floor area m ²	142,4			
	Heating demand kWh/(m ² a)	15	15	-	yes
	Heating load W/m ²	9	-	10	yes
Space cooling	Cooling & dehum. demand kWh/(m ² a)	3	16	16	yes
	Cooling load W/m ²	3	-	11	yes
	Frequency of overheating (> 25 °C) %	-	-	-	-
	Frequency of excessively high humidity (> 12 g/kg) %	8	10	-	yes
Airtightness	Pressurization test result n ₅₀ 1/h	0,5	0,6	-	yes
Non-renewable Primary Energy (PE)	PE demand kWh/(m ² a)	100	-	-	-
	PER demand kWh/(m ² a)	47	60	60	yes
Primary Energy Renewable (PER)	Generation of renewable energy (in relation to pro-jected building footprint area)	0	-	-	yes



homeGrid®

Casa da Palmeira

Data da última atualização: 13/10/2022 9:00



T ext. (°C)

H ext. (%)

T int. (°C)

H int. (%)

CO₂ int. (ppm)

Totais desde o início da monitorização

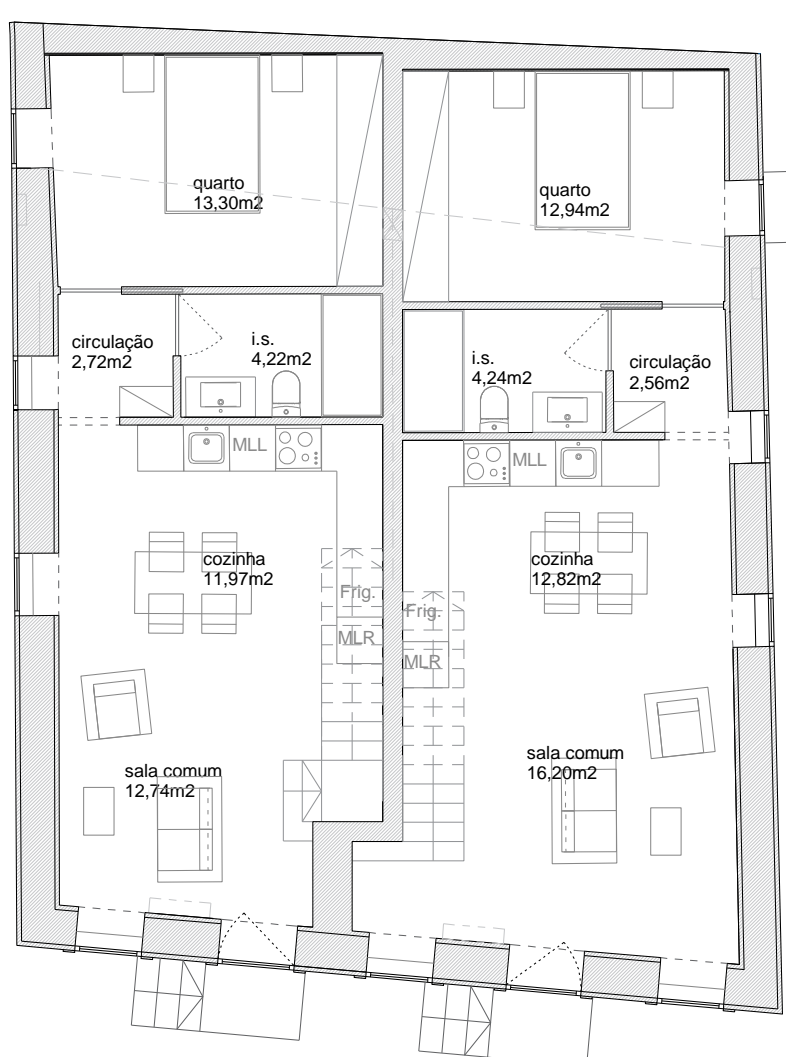
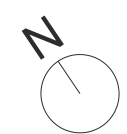
Totals since the beginning of monitoring

Instantâneo / Instantaneous

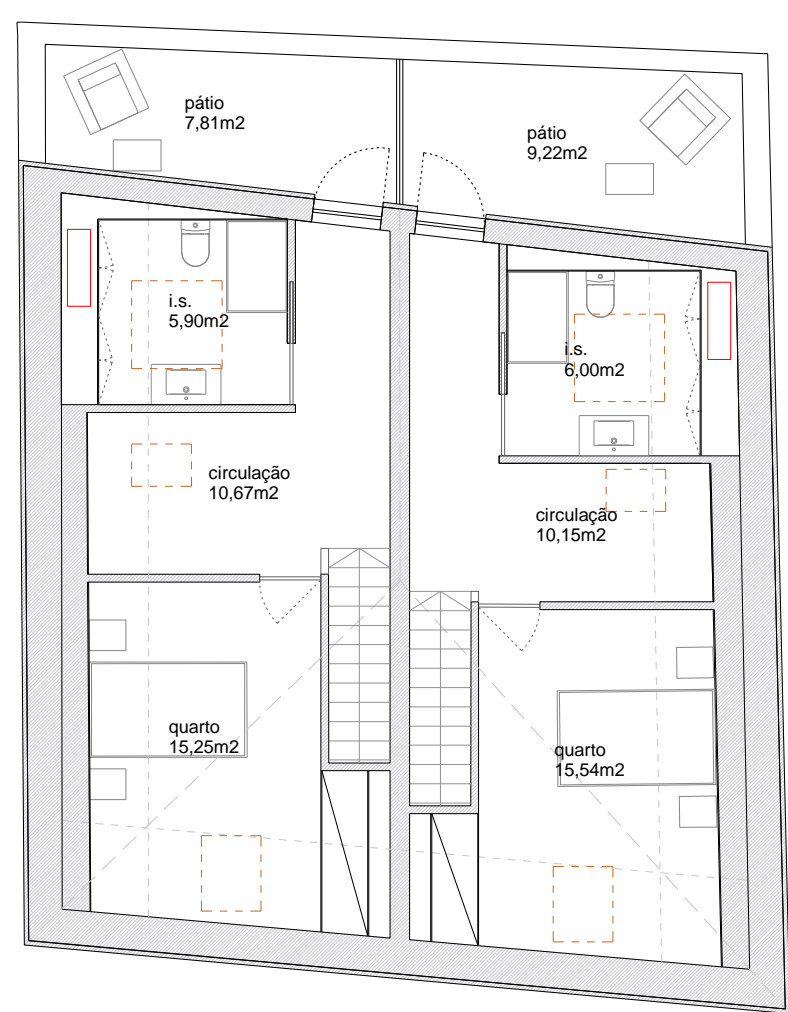
Consumo total de energia
Total energy consumption
Consumo de energia (aquec & arref)
Energy consumption (heating & cooling)
Consumo de energia do AQS
DHW energy consumption
Consumo de energia do frigorífico
Energy consumption of the refrigerator
Produção de energia
Energy production
Balanco de energia
Energy balance

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Total energy consumption
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Energy balance
Balanco médio de energia (por dia)
Average energy balance (per day)

Plataforma de monitorização onde serão recolhidos e apresentados os dados em tempo real



Planta rés-do-chão



Planta 1º andar

