

0.00 0.02 0.04 0.06 0.08 0.10 0.12 0.14 0.16 0.18 0.20 0.22

Space heating - main

Water heating - main

Building Energy Rating

Totals for reference dwelling

The Building Energy Rating (BER) is an indication of the energy performance of this dwelling. It covers energy use for space hoating, water heating, ventilation and lightling, calculated on the basis of standard occupancy. It is expressed as primary energy use per unit floor area per year (Wh/m²/yr).

The less CO; produce the less the dwelling contributes to global warming.

Performance coefficients

Maximum permitted

IMPORTANT: This BER is calculated on the task of data provided to and by the BER Assessor, and using the version of the assessment sortware quoted below. A nuture BER assigned to this dwelling may be different, as a result of changes to the dwelling or to the assessment software.

Building Energy Rating (BER)

BER for the building detailed below is: A2

CRUMLIN HOUSE END OF TERRACE

Assessor Company No 101250

Building Energy Rating kWh/m²/yr MOST EFFICIENT

Pumps, fans, etc.

Energy for lighting

Space heating - secondary

Water heating - supplementary

CHP electrical output (individual heating syst

4 x 260 kWp photovoltaic panels,

Check conformity with MPEPC and MPCPC requirements in TGD L

-836

[kWh/y]

Complies

10,826 **EPC**

[kWh/m² y]

2,245

CPC

Complies

Building Energy Rating (BER)

IMPORTANT: This BER is calculated on the basis of data provided to and by the BER Assessor, and using

The Building Energy Rating (BER) is an indication the energy performance of this dwelling. It covers energy use for space heating, water heating, ventilation and lighting, calculated on the basis of standard occupancy. It is expressed as primary energy use per unit floor area per year (kWh/m²/yr.

'A' rated properties are the most energy efficient and will tend to have the lowest energy bills.

ER for the building detailed below is:

Marcin Badurek - D14125659 - DT774 - 2015

Array of 12 photovoltaic panels (4 per house)

installed on South - Western slope of the roof.

DEAP Results - Front gable
Delivered Primary CO₂

Primary energy [kWh/y]

Primary energy [kWh/y]

Building Energy Rating (BER)

BER Number Date of Issue Valid Until

Assessor Number 100175

0.00 0.05 0.10 0.15 0.20

Primary energy [kWh/y]

Primary energy [kWh/y]

Primary energy [kWh/y]

Primary energy [kWh/y]

Dec C

-2,000

3,000

2,000

-2,000

-3,000

gable

Space heating - main

Energy for lighting

Building Energy Rating

Relevant for new-build.

Totals for reference dwelling

Performance coefficients

Space heating - main

Water heating - main

Pumps, fans, etc.

Type 3

Total

Energy for lighting

Building Energy Rating

Relevant for new-build.

Totals for reference dwelling

Performance coefficients

Maximum permitted

Space heating - secondary

Water heating - supplementary

CHP input (individual heating systems only) CHP electrical output (individual heating syst

Type 1 4 x 260 kWp photovoltaic panels,

Check conformity with MPEPC and MPCPC requirements in TGD L

Maximum permitted

Space heating - secondary

Water heating - supplementary

CHP electrical output (individual heating syst

4 x 260 kWp photovoltaic panels,

Check conformity with MPEPC and MPCPC requirements in TGD L

Concrete, Medium density 1800 Underfloor insulation Xtrathern

DEAP Results - End of terrace

[kWh/m² y]

0.400

Complies

323

2,480

10,570

0.236

0.400

CO2 emissions

0.460

Complies

DEAP Results - Mid terrace

energy emissions

[kWh/y] [kWh/y] [kg/y]

2,728

2,499

[kWh/m² y]

40

CO2 emissions

2,191

0.201

0.460

Complies

CPC

