



New Build Checklist

To enable us to complete your energy assessment we will require:

- 1) A completed Checklist**
- 2) Building Regulation plans with dimensions and construction notes (scale 1:100, 1:50)**
- 3) Window schedule (if available)**
- 4) Site layout and location plan showing orientation**

PROJECT DETAILS:

Site address:

Postcode: _____

Client/Company name and address:

Postcode: _____

Agent's name and address (if applicable):

CONTACT DETAILS:

Whom should we contact if there are any queries about the SAP Calculation?

Company Name: _____

Contact Name: _____

Telephone: _____

Email: _____

TIMESCALE:

Has this project already been submitted to Building Control? yes/no

Date: _____

Estimated completion date of build: _____

Energy Performance Certificate required? _____

PAYMENT DETAILS:

Cheque enclosed: _____ Name on cheque _____

BACS transaction: _____ BACS reference _____

BACS date and amount: _____

(Abbey Bank sort code: 09-06-66. Energy Saving Expert Ltd account: 42921131)

Please provide the following information if not included on the Building Regulation plans:

1. Accredited Details

Is the property built to according to accredited construction details? Yes / No

2. Ground Floor construction:

Floor covering (e.g. screed)
Insulation type
Insulation thickness
Floor type (e.g. Block & Beam)



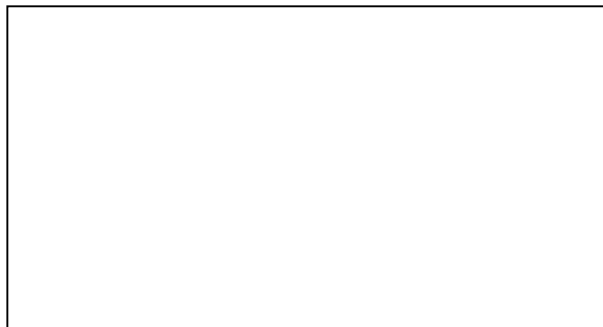
3. Other floor type:

Floor covering (e.g. screed)
Insulation type
Insulation thickness
Floor type (e.g. Block & Beam)



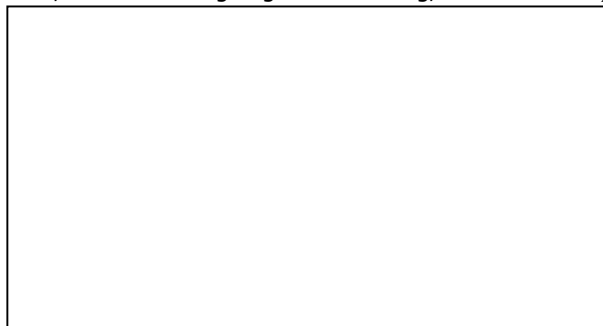
4. Main wall structure:

Outer Skin (e.g. brick)
Cavity
Insulation type
Insulation thickness
Inner skin (e.g. Celcon solar block)
Plasterboard on dabs



5. Secondary wall type: (e.g. stud walls, wall between garage and dwelling, dormer cheeks)

Outer Skin (e.g. brick)
Cavity
Insulation type
Insulation thickness
Inner skin (e.g. Celcon solar block)
Plasterboard on dabs



6. Roof construction:

Habitable area in roof space?
Warm Roof / Cold Roof
Cavity
Insulation type
Insulation thickness

7. Other Roof type:

Habitable area in the roof space?
Warm Roof / Cold Roof
Cavity
Insulation type
Insulation thickness

8. Glazing: please tick all that apply:

Air gap:	Double	Low E 'soft coat'	Metal
6mm			
12mm	Triple	Low E 'hard coat'	Timber
16mm			
16mm +		Argon filled	PVCu

9. External doors:

Front:	solid	half glazed	fully glazed
Side:	solid	half glazed	fully glazed
Rear:	solid	half glazed	fully glazed

10. Ventilation:

Number of low energy extraction fans: _____

Number of standard extraction fans: _____

Whole House Mechanical ventilation system: Yes / No

Heat recovery system: Yes / No

Manufacturer:

Product Name/Details:

11. Main heating system:

Fuel: _____ Model: _____

Manufacturer: _____

Combi boiler: Yes / No % efficiency:

Floor mounted: Wall mounted:

Radiators: Underfloor Heating:

Ground / Air Source heat pump? Yes / No If yes, please see section 18.

12. Heating control details: please tick all that are applicable:

Programmer:

Zone control:

Other:

Room stat:

Load compensator:

Thermostatic Radiator valves:

Interlock:

13. Secondary heating:

Type: _____ Fuel: _____

Hetas Approved:

14. Electric tariff:

Standard: economy 7: 10 hour tariff: 24 hour tariff:

Other: _____

15. Hot water:

Is it from the central heating boiler? Yes / No

If no, what system is used for water heating?

16. Cylinder:

Capacity (litres)

Insulation thickness (mm)

Unventilated Yes / No

17. Lighting:

Total number of standard light fittings:

Total number of low 'E' lights:

Total number of external lights:

18. Air Test:

If Design stage SAP - Projected air permeability rate:.....m³/hm²(@50Pa)

If As Built SAP:

Air permeability rate:..... m³/hm²(@50Pa)

As built ref:

As built test date:

19. Building Control:

Is this project monitored by an Approved Inspector? Yes / No

Contact details:

20. Renewable Technology:

a) Solar Panels

Area of panels: m² (gross or net)

Orientation: N / NE / E / SE / S / SW / W / NW

Connected to hot water tank? Yes / No

Other details if known e.g. collector efficiency, heat loss efficiency:

b) Photovoltaic Panels

Installed Peak Power (kWp)

Orientation: N / NE / E / SE / S / SW / W / NW

c) Micro Wind turbines

Total Number

Diameter (cm)

Height above ground (m)

d) Is a Heat pump being installed? Yes / No

Heat Source: Ground Water Air

System: Radiators Under floor Both

Other details:

21. 'Code for Sustainable Homes'

Energy Saving Expert is a fully qualified CSH assessor.

Do you require this dwelling to meet a "Code for Sustainable Homes" (level 1 – 6)?
Yes / No

Level required? 1 2 3 4 5 6

Should you require any assistance with this Checklist please contact us at;

mike@energy-saving-expert.co.uk

0791 215 9195

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When completed, send to:

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