

EXTERNAL WALL INSULATION PRE-INSTALLATION BUILDING INSPECTION CHECK LIST

Inspection Company

Inspector

Created

Last Updated

Client

Site Address

Date

NOTE:

This checklist should only be filled out if you are already in possession of:

- 1. The Building Survey for the property in question**
- 2. The EEM Design for the property in question**

This checklist is used to confirm the completeness/adequacy of the Building Survey and the EEM Design prior to the EEM installation.

All items resulting in a negative **"No"** or unknown answer shall be referred back to either the original Building Survey Surveyor or EEM Design provider to obtain further information or confirmation as appropriate. If a negative answer is addressed positively elsewhere in the check sheet, further reference to the Building Survey Surveyor or EEM Designer is not required.

DETAIL/CONDITION OF PROPERTY

PROPERTY TYPE: House Flat (what floor) Bungalow Maisonette Mid Terrace

End of Terrace Semi Detached

Number of elevations to be treated: (options 1 up to 6 if automated)

Agrees with Building Survey YES NO

PROPERTY CONSTRUCTION: Cavity wall / Solid Brick / Pre-Fab / Non-Traditional / Other

Agrees with Building Survey YES NO

NO OF STOREYS:

Agrees with Building Survey YES NO

NO OF BEDROOMS:

1 2 3 4 5 6 7 8

Agrees with Building Survey YES NO

DETAIL/CONDITION OF PROPERTY

APPROXIMATE YEAR OF CONSTRUCTION:

CONSERVATION AREA STATUS ESTABLISHED: YES NO

PLANNING PERMISSION STATUS ESTABLISHED: YES NO

BUILDING CONTROL STATUS ESTABLISHED: YES NO

PARTY WALL NOTICE CONFIRMED WHERE REQUIRED: YES NO

NEED FOR FIRE SEPARATION OF COMPARTMENTS/BOUNDARIES DEFINED: YES NO

EEM Design: Accounts for Building Regulation requirements for fire: YES NO

BUILDING EXPOSURE ASSESSED BY BUILDING SURVEY: YES NO

EEM DESIGN:

Design accounts for building exposure: YES NO

Design accounts for loading in service e.g. Impact: YES NO

Design eliminates cold bridging: YES NO

Design minimises cold bridging: YES NO

Interface design details (weather seals etc.) comply with requirements of PAS 2030 2017: YES NO

EXISTING FINISHES:

External:

Stone Brick Sand & Cement Render Mass Concrete

Dry Dash Wet Dash Concrete Block Wood Paint Other, Please state

COLOURS & TEXTURES (record detail):

Plaster Skim Plasterboard Sand Cement Insulated Plasterboard

Thickness mm space for 8 figures

Other please specify:

Agrees with Building Survey YES NO

Comments:

Layer 1

Layer 2

Layer 3

Layer 4

Layer 5

Layer 6

Layer 7

External Surface

Existing U-value: W/m²K (taken from EEM design)

Repeat through wall construction details for all/any other wall types

Recorded on bottom of current sheet attached YES NO

EXISTING FINISHES:

Front Elevation

Photos

YES

NO



Legend

1. Room Vent
2. Waste Pipe
3. Ariel
4. Satellite Dish
5. Sub Floor vent
6. ESB Meter Box
7. Gas Meter Box
8. Gas Pipe
10. Alarm Box
11. RWP
12. SVP
13. Flue
14. Extractor Vent
15. Outdoor Light Socket
16. Awning
17. Clothes Line
18. Garden Tap

Rear Elevation

Photos

YES

NO



Legend

1. Room Vent
2. Waste Pipe
3. Ariel
4. Satellite Dish
5. Sub Floor vent
6. ESB Meter Box
7. Gas Meter Box
8. Gas Pipe
10. Alarm Box
11. RWP
12. SVP
13. Flue
14. Extractor Vent
15. Outdoor Light Socket
16. Awning
17. Clothes Line
18. Garden Tap

EXISTING FINISHES:

Left Hand Side (from the front):

Photos

YES

NO



Legend

1. Room Vent
2. Waste Pipe
3. Ariel
4. Satellite Dish
5. Sub Floor vent
6. ESB Meter Box
7. Gas Meter Box
8. Gas Pipe
10. Alarm Box
11. RWP
12. SVP
13. Flue
14. Extractor Vent
15. Outdoor Light Socket
16. Awning
17. Clothes Line
18. Garden Tap

Right Hand Side (from the front):

Photos

YES

NO



Legend

1. Room Vent
2. Waste Pipe
3. Ariel
4. Satellite Dish
5. Sub Floor vent
6. ESB Meter Box
7. Gas Meter Box
8. Gas Pipe
10. Alarm Box
11. RWP
12. SVP
13. Flue
14. Extractor Vent
15. Outdoor Light Socket
16. Awning
17. Clothes Line
18. Garden Tap

EXISTING FINISHES:

Garage or out building:

Photos

YES

NO



Property Measurements

| | Width | x | Height | - | Openings M ² | = | Nett M ² |
|---------|----------------------|---|----------------------|---|-------------------------|---|----------------------|
| Front | <input type="text"/> | x | <input type="text"/> | - | <input type="text"/> | = | <input type="text"/> |
| Rear | <input type="text"/> | x | <input type="text"/> | - | <input type="text"/> | = | <input type="text"/> |
| Gable L | <input type="text"/> | x | <input type="text"/> | - | <input type="text"/> | = | <input type="text"/> |
| Gable R | <input type="text"/> | x | <input type="text"/> | - | <input type="text"/> | = | <input type="text"/> |
| Other | <input type="text"/> | x | <input type="text"/> | - | <input type="text"/> | = | <input type="text"/> |

STRUCTURAL DEFECTS (E.g. Cracking, subsidence, weak or corroded components):

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Agrees with Building Survey

 YES NO

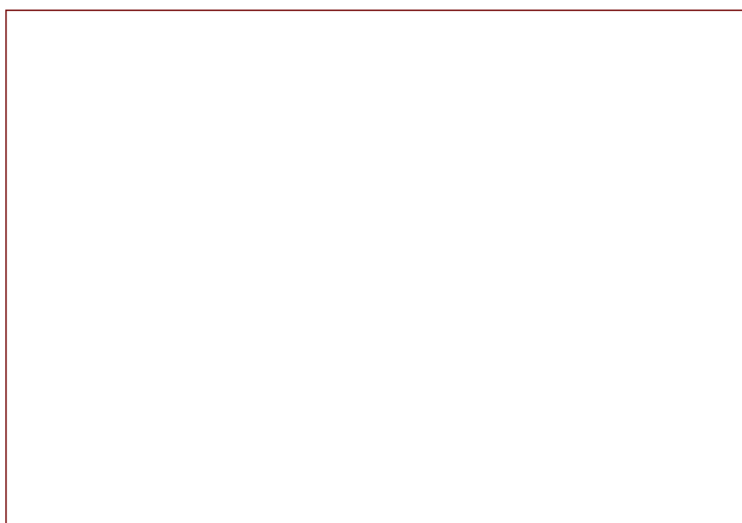
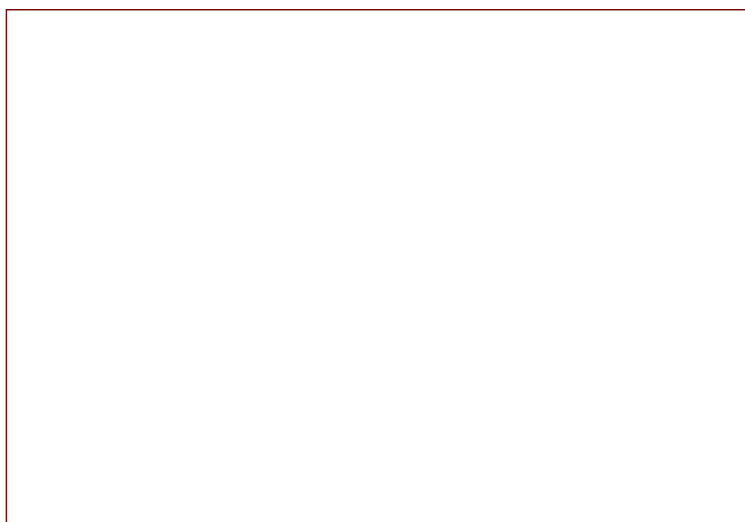
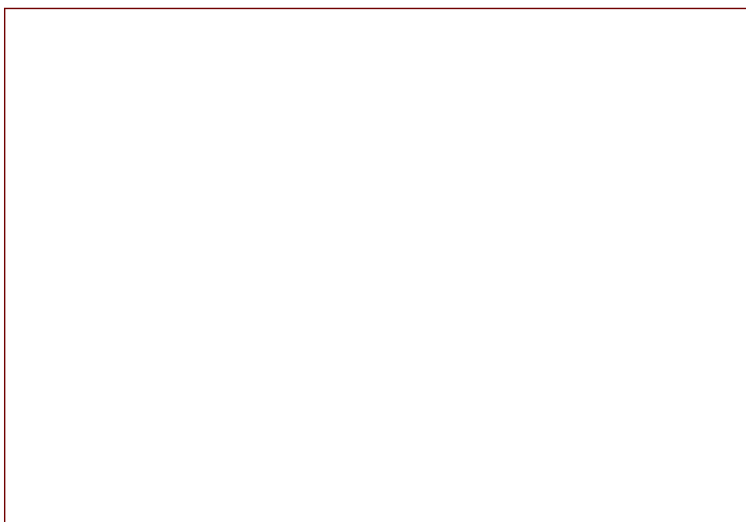
Requires Competent Person e.g. Structural Engineer

 YES NO

Comments:

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Photo(s):



STRUCTURAL DEFECTS (E.g. Cracking, subsidence, weak or corroded components):

EEM Design:

- Remediation included in the design YES NO
- Remediation measure included elsewhere YES NO
- Site pull-out tests undertaken for mechanical fixings YES NO
- System fixing design calculated for all loading conditions (wind, system weight etc.) YES NO
- Design eliminates cold bridgin YES NO
- Design minimises cold bridging YES NO
- Interface design details (weather seals etc.) comply with requirements of PAS 2030 2017 YES NO

Comments:

EXISTING RENDER

- Agrees with Building Survey YES NO
- Requires removal, partial removal, repair YES NO

Comments:

EXISTING RENDER

Photo(s):



PRESENCE OF DAMP (RISING, PENETRATING OR CONDENSATION):

Agrees with Building Survey

YES

NO

Comments:

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EXISTING RENDER

Photo(s):



PRESENCE OF DAMP (RISING, PENETRATING OR CONDENSATION):

Agrees with Building Survey

YES

NO

Comments:

| |
|-------------------|
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FROST DAMAGE:

Agrees with Building Survey

YES

NO

Comments:

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.....

EEM Design:

Remediation included in the design

YES

NO

Remediation measure included elsewhere

YES

NO

Comments:

.....

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.....

DETAIL/LOCATION OF MOVEMENT JOINTS:

Agrees with Building Survey

YES

NO

Comments:

EEM Design:

Included in the design

YES

NO

Design eliminates cold bridging

YES

NO

Design minimises cold bridging

YES

NO

Interface design details (weather seals etc.) comply with requirements of PAS 2030 2017

YES

NO

Comments:

MOSS / LICHEN / MOULD or EFFLORESCENCE:

Agrees with Building Survey

YES

NO

Comments:

EEM Design:

Remediation included in the design

YES

NO

Design eliminates cold bridging

YES

NO

Design minimises cold bridging

YES

NO

Interface design details (weather seals etc.) comply with requirements of PAS 2030 2017

YES

NO

Comments:

HEATING SYSTEM - EXTERNAL PIPEWORK/FLUES/METER BOXES etc.:

Agrees with Building Survey

YES

NO

Detail type(s) and location(s) of heating system(s) in comments below

Comments:

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EEM Design:

Included in the design

YES

NO

insulation ensuring the safety and operation of fuel burning appliances")

YES

NO

Design eliminates cold bridging

YES

NO

Design minimises cold bridging

YES

NO

Interface design details (weather seals etc.) comply with requirements of PAS 2030 2017

YES

NO

Comments:

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EXISTING VENTILATION:

Agrees with Building Survey

YES

NO

Comments:

Will the current roof vents be adequate after EWI has been installed? YES

NO

Is there adequate ventilation in the subfloor? YES

NO

Are there room ventilators / extractors where necessary? (E.G: Bathrooms / Kitchens/Utility) YES

NO

Are the combustion ventilators adequate for the heating system(s)? YES

NO

If any of the above are no are there provisions to be put in place for new ventilation? YES

NO

If yes give details

EEM Design:

Design eliminates cold bridging YES

NO

Design minimises cold bridging YES

NO

Interface design details (weather seals etc.) comply with requirements of PAS 2030 2017 YES

NO

Comments:

WINDOWS/DOOR MATERIAL: (Timber/PVC/Other):

Agrees with Building Survey

YES

NO

Comments:

Photo(s)

WINDOW RENEWAL

YES

NO

Agrees with Building Survey

YES

NO

Comments:

WINDOWS/DOOR MATERIAL: (Timber/PVC/Other):

Photo(s):

EEM Design:

Design eliminates cold bridging YES NO

Design minimises cold bridging YES NO

Interface design details (weather seals around cill, window frame etc.) comply with requirements of PAS 2030 2017 YES NO

Comments:

EXTERNAL SERVICES/ATTACHMENTS TO THE WALLS e.g

Satellitedish, lights:

Agrees with Building Survey:

YES

NO

Comments:

Photo(s):

EEM Design:

Design eliminates cold bridging

YES

NO

Design minimises cold bridging

YES

NO

Interface design details (weather seals around cill, window frame etc.) comply with requirements of PAS 2030 2017

YES

NO

Comments:

EXTERNAL ELECTRICAL CABLES / EQUIPMENT:

Agrees with Building Survey:

YES

NO

Comments:

Photo(s):

EEM Design:

Design eliminates cold bridging

YES

NO

Design minimises cold bridging

YES

NO

Design details (Penetrations, fixings, weather seals etc.) comply with requirements of PAS 2030 2017

YES

NO

Comments:

EWI ABUTMENT TO EAVES & ROOFS:

Agrees with Building Survey:
Comments:

YES NO

Photo(s):

EEM Design:

Design eliminates cold bridging (full continuity between wall and roof insulation) YES NO

Design minimises cold bridging (partial continuity between wall and roof insulation) YES NO

Interface design details (weather seals etc.) comply with requirements of PAS 2030 2017 YES NO

Comments:

EWI ABUTMENT TO OTHER STRUCTURES (Conservatories, extensions, garden walls, gate posts etc):

Agrees with Building Survey:
Comments:

YES NO

Photo(s):

EEM Design:

Design eliminates cold bridging YES NO

Design minimises cold bridging YES NO

Interface design details (weather seals etc.) comply with requirements of PAS 2030 2017 YES NO

Comments:

RAINWATER AND DRAINAGE PIPES:

Agrees with Building Survey:

YES

NO

Comments:

Photo(s):

EEM Design:

Pipework can be moved

YES

NO

Design eliminates cold bridging

YES

NO

Design minimises cold bridging

YES

NO

Design details (Penetrations, fixings, weather seals, mounting blocks etc.) comply with requirements of PAS 2030 2017

YES

NO

Comments:

DAMP PROOF COURSE (DPC) PROVISION AND LOCATION:

Agrees with Building Survey:
Comments:

YES

NO

Photo(s):

EEM Design:

Pipework can be moved

YES

NO

Design eliminates cold bridging

YES

NO

Design details (E.g. Insulated plinth below DPC) complies with requirements of PAS 2030 2017

YES

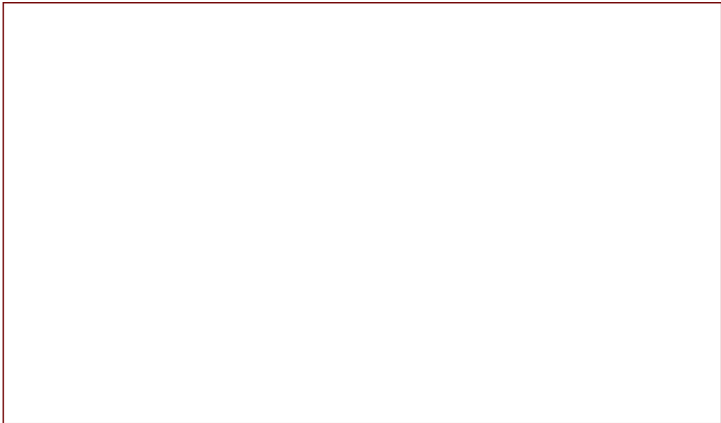
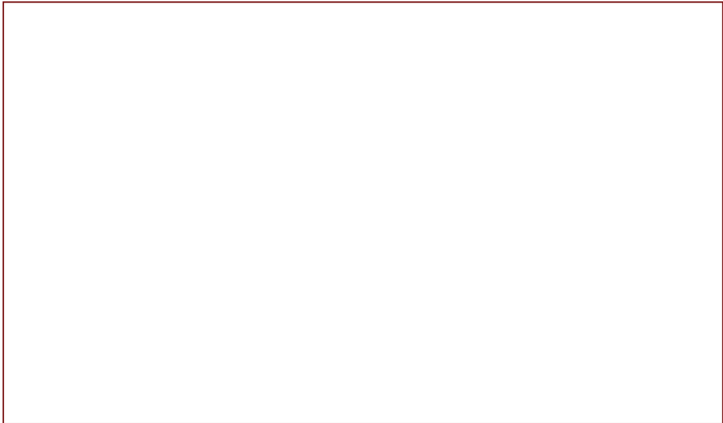
NO

ARCHITECTURAL FEATURES (e.g. Protruding stone work, tile Sills, soldier courses):

Agrees with Building Survey:
Comments:

YES NO

Photo(s):



EEM Design:

Design eliminates cold bridging YES NO

Design minimises cold bridging YES NO

Design details (Penetrations, fixings, weather seals, etc.) comply with requirements of PAS 2030 2017 YES NO

Comments:

ECO Compliance (For ECO funded projects only):

Percentage of Measure Installed (POMI):

Agrees with Building Survey YES NO

Percentage of Property Treated (POPT):

Agrees with Building Survey YES NO

Is the building suitable for EWI, adhering to guidelines as set out in the Building Regulations and requirements of PAS 2030 2017 YES NO

Name of Surveyor:

Company:

Signature:

Date: