



Modern Insulation Systems

Site Survey: Project no. SS-_____ -1

1. Date of survey _____

2. Surveyor's name _____
signature _____

3. Client's name, *contact number*, and address

4. Site address (if different from above)

5. Consideration of planning permission status/issues of title. Is a planning exemption cert required from the local Council. _____

6. Site access

- a. List any Health & Safety issues including access to complete works.

- b. Do you need access permission from next door neighbour to complete works? _____
- c. Access to building: _____
- d. Storage of materials: _____

7. Details of building form and dimensions, including sketches of each wall. (add attached detail sketches and photographs.)

8. Is there natural gas supplied to the house? _____

9. Party/separating walls and floors requiring fire barriers.

- a. Does the house need horizontal fire barriers (between 2/3 storeys)?

- b. Is the house attached to another house, requiring 100mm fire barriers installed between party wall? _____
- c. Greater than or less than 1m to the boundary? _____
- d. Do you need Fire Class B material? _____

10. Exposure to impact (parking etc.) and establish impact resistance required.
_____ Category II (property protected from the public, ie: garden wall)
_____ Category I (directly on foot path or impact zone due to car or play area)

11. Exposure to heat (BBQs, heat lamps, etc) where mineral wool insulation will be needed at area of risk. _____

12. Details of wall construction and house type:

- a. mass concrete b. hollow block c. cavity wall d. stone
e. solid block f. partial cavity fill e. other _____

(circle one)

___ detached ___ semi-detached ___ mid terrace ___ end terrace

(tick one)

13. Close or abutting elements that could induce moisture or require special consideration, (use starter track to separate).

a. Abutting garden wall? _____

b. Projecting roofs, porches or barges?

14. Confirm details of existing cavity/dry lining insulation. Are any walls of the house already insulated internally, filled cavity or externally?

15. Eaves detail. Is there enough space for insulation to be installed? _____

16. Detail at ground floor level.

a. Is the plinth board at or below ground level? _____

b. Do gulleys need to be moved? _____

17. Evidence of wall dampness.

a. Are there any walls with existing dampness *internally* that need to be brought to the home owner's attention? _____

b. Exceptional moisture on wall such as significant roof rainwater run off externally? _____

c. Do the gutters need attention or replacement?

18. Plant growth and residues requiring cleaning off? _____

19. Any areas that will not be insulated and state the reasons why (show in plan view sketch).

20. Structural condition (pull off test if appropriate). _____

21. Any surface areas of paint or render to be scraped and removed?

22. Decorative bonded slips or facings material. Do these need to be removed? (See attached pictures) _____

23. Cracks and movement joints. All cracks to be repaired prior to insulating. Any existing movement joints must be carried through the insulation. Are new movement joints needed and where? _____

24. Details of openings and reveals (doors, windows). [see attached drawings/photos]

25. Window sill and door threshold conditions. Is there room for 20mm of insulation at reveals? _____ If not, state reason and locations and if it is possible to fit any insulation: _____

26. Adequacy of roof overhangs. Are metal profiles needed in any location?

27. Cavity and hollow block wall construction: inspect tops of *cavity or hollow block* walls to ensure walls are sealed. Use boroscope or lift tile to inspect (see attached sketches of walls). Is sealing required? _____

28. Architectural features. Do these need to be removed/replaced?

29. Ventilation [list how many and locations of vents **are installed** and how many **will be needed**; if none needed list reason]

a. Building ventilators for roof needed. (Min of 10,000mm² per metre)

No. installed and locations _____

No. needed and locations _____

b. Room ventilators and extractors. Ventilation is needed in all habitable rooms. (*note: in rooms with solid fuel or gas appliances, permanently open vents are required*)

No. installed and locations _____

No. needed and locations _____

c. Subfloor vents need to be carried through insulation.

No. installed and locations _____

No. needed and locations _____

30. Details of services at external walls. (see attached photos/sketches)

31. Are there carbon monoxide or other safety alarms present and *operational*?

32. Flues and chimneys (note: mineral insulation needed around flue).

a. Is a flue extension needed on the boiler? _____

b. Is a fire break needed for chimney? _____

33. Rainwater pipes and outlets to be reused or replaced? _____

34. Foul and waste pipes and outlets to be reused or replaced? _____

35. Gas pipes, brackets and meter housing.

a. Does homeowner need to contact Bord Gais to have gas box moved?

b. Is a Registered Gas Installer required to reconnect? _____

36. Electric cables, brackets, meter housing and earth rods/boxes. Does the homeowner need to contact ESB Networks to have any of these items moved before works start? _____

37. Outside lights and sockets. _____

38. Telecoms cables and fittings

39. Satellite dishes and cables

40. Alarm boxes and cables _____

41. Affected gulleys, manholes and other covers or ground features

42. Structural fixings such as awnings, clothes lines, gates etc _____

43. Identification of, and practical response to, thermal bridging issues _____

44. Client expectations _____

45. Other exceptional conditions _____

Drawing of build make up of the walls prior to insulation

Fill in material and thickness; add additional layers as necessary

1. Build up of wall (layers)

2. Build up wall extension

Internal -> external	
	a. _____
a b c	b. _____
	c. _____

Plan View

Please Circle which view

Drawn by -----
Supervisor/Operative/Surveyor

Sketch No. -----
Date -----

Sketch no.

Sketch no.

Sketch no.

Sketch no.