

## Photographic evidence

- B6** Photographs should be taken for each **dwelling** on a development as a record during the construction of a property. The photographs should be made available to the energy assessor and the **building control body**. Anyone may take the photographs.
- B7** Photographs should be taken of typical details as listed below and should be unique to each property. One photograph per detail should be recorded. Additional images, such as a close-up detail, should be provided only when necessary (see below). Photographs should be taken at appropriate construction stages for each detail when completed, but prior to closing-up works.
1. Foundations/substructure and ground floor, to show thermal continuity and quality of insulation in the following places.
    - a. At ground floor perimeter edge insulation.
    - b. At external door threshold.
    - c. Below damp-proof course on external walls.
  2. External walls: for each main wall type, to show thermal continuity and quality of insulation for the following.
    - a. Ground floor to wall junction.
    - b. Structural penetrating elements.
- NOTE:** For blown fill, photos should show clean cavities and clean brick ties with very limited mortar droppings.
3. Roof: for each main roof type, to show thermal continuity and quality of insulation at the following.
    - a. Joist/rafter level.
    - b. Eaves and gable edges.
  4. Openings: for each opening type (one image per wall or roof type is sufficient), to show thermal continuity and quality of insulation with photographs of the following.
    - a. Window positioning in relation to cavity closer or insulation line.
    - b. External doorset positioning in relation to cavity closer or insulation line
  5. **Airtightness:** additional photographs for all details 1–4 to show **airtightness** details (only if not included or visible in continuity of insulation image).
  6. Building services: for all plant associated with space heating, hot water, ventilation and low or zero carbon technology equipment within or on the building, show the following.
    - a. Plant/equipment identification label(s), including make/model and serial number.
    - b. Primary pipework continuity of insulation.
    - c. Mechanical **ventilation** ductwork continuity of insulation (for duct sections outside the **thermal envelope**).
- B8** Photographs should be digital and of sufficient quality and high enough resolution to allow a qualitative audit of the subject detail. Close-up photographs may be needed where a long shot image provides insufficient detail. More than one image of each detail may be needed. Geo-location should be enabled to confirm the location, date and time of each image. Each image file name should include a plot number and detail reference according to the numbers used in paragraph B7. For example, Plot 1 eaves detail would be P1/3b.