

Houses - Checklist of Items to be completed prior to our arrival on Site

Items in Bold font are areas where dwellings usually tend to fail, please check that they are sealed properly before the test.

1. We will require the Design Air Leakage Rate or Air Permeability for the building. For commercial buildings this is generally **10 m³/hour/m²**, but can be lower for houses and/or commercial buildings, if requested in the SAP rating reports. If you do not advise of a figure we will assume the maximum allowable figure for Part L1 of **10 m³/hour/m²**.
2. We require ONE 240v MAINS powered electrical sockets within 5 metres of EACH of our testing equipment set up.
3. Ensure that the completed building envelope is finished. All doors, windows, and cladding must be installed, or if items, such as glazing are missing, they should be sealed up to prevent air leakage. Please note that temporarily sealing items with tape should be limited to those items detailed in item 5.
4. Seal with tape or cardboard any duct work and mechanical vents to the outside. Pay particular attention to the air conditioning system.
5. **Seal all ducts and penetrations where the main services enter the building. We have encountered many tests where a water pipe duct has been left unsealed underneath kitchen units. After services have been installed in the duct, seal the rest of the duct.**
6. **Seal all SVP and waste pipe penetrations passing through external walls and ceilings. Make sure that the tops, sides & ends of all pipe/SVP boxing's are sealed to prevent air leaking into the boxing and escaping through SVP/waste pipe penetrations. Bath panels should also be fully sealed.**
7. Ensure that all toilets and U bends in sinks have water in them.
8. Ensure all external doors and windows are closed fully and make sure all trickle vents closed but NOT SEALED. Internal doors should be wedged open.
9. **All penetrations through floors & ceilings should be sealed.**
10. **The boiler flue must be sealed where it penetrates walls or ceilings**
11. **In some houses storage cupboards have been built into the roof space. The doors when closed should seal the room from the roof space. Fit draught excluder if necessary to top, bottom & sides of door/frame**

- 12. In houses constructed from Timber Frame or where DOT & DAB plasterboard has been fixed to the inside face of block work perimeter walls, the gap between the bottom of the plasterboard and floors needs to be sealed at every floor level. Alternatively the gap between the bottom of the skirting board and floor can be sealed with mastic. This prevents air leaking behind the wall board and passing above the ceiling board, into the roof space.**
13. Have a competent member of your staff available on the test day to modify and/or seal any further areas that we identify as requiring extra work. A good supply of mastic/decorators caulk and board material etc would be useful in case areas need to be sealed.
14. If the door chosen for the test has a larger opening larger than 1.100m x 2.100m high, you will need to modify the opening to suit our standard template.
(Please call us for advice should this be required.)
15. Whilst we would prefer to have the building empty during the test duration, people can stay in the building whilst the test is in progress. They may not however enter or leave during the test period. (Approx 1/2 hour)
16. We require a parking space for a transit van type vehicle within 10 metres of the test location on site.
- 17. If we arrive on site and are delayed due to the site not being prepared adequately, or the items in this checklist not being completed prior to our arrival, we reserve the right to cancel the test. The full test fee will be payable.**

IF YOU HAVE ANY QUESTIONS ABOUT THE PREPARATION OR THE ACTUAL TEST, THEN PLEASE RING OUR OFFICE TO DISCUSS THEM. WE ARE HERE TO HELP YOU ACHIEVE A PASS AT THE FIRST ATTEMPT.