

On-site Air Tightness Test Check List

This checklist will help you achieve the best possible Air Tightness results. Submit plans to us as early as possible to obtain estimate and envelope calculation. If possible arrange for the Air test to be completed once the decorators have completed.

Ensure dry lining is carried out in accordance with manufacturer's recommendations, i.e. perimeter bead of adhesive + continuous bead around service entry points Skirting/floor/plaster junction to walls – decorators caulk or mastic to prevent air movement from floor void (suspended floor) or via gaps behind dry lining. We recommend that simple skirting is fitted behind kitchen units as this is very difficult to retro-seal. Recessed ceiling spotlights- use either sealed fittings or proprietary covers, e.g. Loftcap Loft access hatch-check draught seal and hatch for distortion – especially pre-formed plastic units Service entries. Oil, Gas, Water & Electric. Check sealing at entry points particularly where leakage could occur from external meter cabinets. Perimeter of external door frames Perimeter of window openings Repair poorly fitting trickle vents (these may be taped up for the duration of the test) Soil/vent pipe boxing taken into ceiling void – ensure seal where boxing communicates with living spaces Gaps around sockets, light switches, room stats etc., particularly where external walls are dry lined Pipes and cables passing through ceiling – mastic or foam seal around Waste and service pipe penetrations – baths, showers, W. C's. Pipework below baths should be sealed at 1st. fix Sealing to water service pipe entry – difficult to seal if covered by kitchen units Waste and service pipe penetrations – basins, sinks, washer wastes. Best sealed at first fix Service pipe penetrations – hot/cold water storage vessels All extract fans – ensure sealed where duct penetrates external wall/ceiling lining UHF/satellite cable security fire alarm installations penetrations entry point Check door seal where leading into internal garage, fit internal bolts as required Tumble drier vents Gaps around wall mounted heaters Boiler flue – (balanced) check sealing around wall penetration Boiler - avoid cutting clearance holes into drylining for pipework or boiler unit unless hole perimeter is	erimeter bead of adhesive + continuous bead around service entry points kirting/floor/plaster junction to walls – decorators caulk or mastic to prevent air movement from our void (suspended floor) or via gaps behind dry lining. We recommend that simple skirting is titled behind kitchen units as this is very difficult to retro-seal. eccessed ceiling spotlights- use either sealed fittings or proprietary covers, e.g. Loftcap oft access hatch-check draught seal and hatch for distortion – especially pre-formed plastic units ervice entries. Oil, Gas, Water & Electric. Check sealing at entry points particularly where akage could occur from external meter cabinets. erimeter of external door frames erimeter of window openings epair poorly fitting trickle vents (these may be taped up for the duration of the test) oil/vent pipe boxing taken into ceiling void – ensure seal where boxing communicates with living spaces aps around sockets, light switches, room stats etc., particularly where external walls are dry lined pes and cables passing through ceiling – mastic or foam seal around (aste and service pipe penetrations – baths, showers, W. C's. Pipework below baths should be sealed at 1st. fix ealing to water service pipe entry – difficult to seal if covered by kitchen units (aste and service pipe penetrations – basins, sinks, washer wastes. Best sealed at first fix ervice pipe penetrations – hot/cold water storage vessels
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Areas that should **NOT** be temporarily sealed for the duration of the test

External skin cavity ventilators Letterboxes, Keyholes and cat flaps Seals to drains and overflows

Penetrations through walls e.g. outside taps Tumble dryer vents, balanced flue Seals to loft hatches Areas that **SHOULD** be temporarily sealed for the duration of the test

Mechanical Ventilation
Open boiler/fire flues and air supply grilles
Passive stack ventilation systems with
automatic/no dampers
Actual extractor fans/cooker hoods
Combustion air airbricks sealed
Ensure all traps contain water

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