

On-site Air Tightness Test Check List *(Domestic dwelling)*

This checklist will help you achieve the best possible Air Tightness results.

Submit plans to us as early as possible to obtain estimate and allow us to complete the 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 all service entry points.	
Skirting/floor/plaster junction to wall/floors – decorators caulk or mastic to prevent air movement from floor void (suspended floor) or to gaps behind dry lining. ..or contact Ryedale Testing re use of propriety tape	
Ensure all gaps/holes in plasterboard are sealed beneath kitchen units, showers, baths vanity Units * * * *	
Around 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	
Holes behind radiators for HEP 20 water Feed pipes	
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	
Around Perimeter of window openings, especial Velux if plaster is more than 8 weeks old	
Repair and adjust poorly fitting trickle vents	
Around Soil/vent pipe boxing taken into ceiling void – ensure seal where boxing communicates with living spaces	
Around gaps around sockets, light switches, room stats etc., particularly where external walls are dry lined	
Around pipes and cables passing through ceiling – mastic or foam seal around	
Sealing to water service pipe entry – difficult to seal if covered by kitchen units	
Gaps around waste and service pipe penetrations – basins, sinks, washer wastes/W/C's	
Around 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 leading onto internal garage around/threshold fit internal bolts as required	
Around Tumble dryer vents	
Gaps around wall mounted heaters	
Boiler flue – (balanced) check sealing around wall penetration	
Boiler – condensate drain	

Areas that should NOT be temporarily sealed for the test	Areas that SHOULD be temporarily for the duration of the test
External skin cavity ventilators	Open boiler/fire flues and air supply grilles
Letterboxes, Keyholes and cat flaps	Mechanical Ventilation
Seals to drains and overflows	Passive stack ventilation systems with automatic/no dampers
Trickle Vents (sealed post 2010 Building Regulations)	Actual extractor fans/cooker hoods
Tumble dryer vents, balanced flues	Airbricks
Seals to loft hatches	Ensure all traps contain water
	Aga's turned off/Open Fires clean