



Airtight Testing
Staffordshire



Acoustic Testing Checklist

If you have any questions or would like to book your test, call/email:

Airtight Testing Staffordshire:

Phone: 07796545001

Email: info@airtighttestingstaffordshire.co.uk

Ready for your Acoustic test?

- ✓ All doors, windows, and cladding must be installed.
- ✓ Trickle vents fitted.
- ✓ Power available in dwelling.
- ✓ Carpets and laminates should not be fitted as impact testing should take place on the bare floor.
- ✓ Windows are fully fitted with locks in place
- ✓ Threshold and perimeter seals around all external doors.
- ✓ Rooms should be free of any furnishing.
- ✓ All lights and sockets fitted.
- ✓ All trades can be suspended for the duration of the testing (2-3 hours).
- ✓ Skirting board fitted and sealed.

Top tips to pass your Acoustic test

An Acoustic test measures both direct and indirect (flanking) sounds through a separating structure. Therefore, it is crucial to ensure the construction of the wall/floor itself is of high quality but any penetrations have been adequately sealed



- Tip 1- Follow the Plans!**— A leading cause of failure is alterations. Specific details have often been included with building regulations in mind.
- Tip 2- Insufficient walls**— Ensure the Separating wall is not too thin, or with insufficient mass and/or isolation
- Tip 3- Insufficient floors**— Ensure the Floors are not too thin, or with insufficient mass and/or isolation
- Tip 4- Flanking**— Ensure all walls and ceilings are cared for. Sound can travel through indirect and direct pathways if only the main pathway (wall or ceiling treated).
- Tip 5- Sealing pipes**— Wrap pipes and services in insulation; If boxed-in the plasterboard box should not come in contact with the pipe or pipe fixings.
- Tip 6- Junctions**— seal the junction between the ceiling and the wall lining with tape or Sealant
- Tip 7- Downlights**— avoid fitting downlights in an acoustic ceiling
- Tip 8- Separating walls**- Ensure all separating walls are built before fitting the ceiling system
- Tip 9- Wall ties**— ensure you use the correct length of wall ties in a masonry walls
- Tip 10- Resilient Bars**— use and correctly fit resilient bars