

Site Readiness Checklists – Sound Insulation & Air Leakage Testing

Please forward this checklist to your site management at least 5 days before the agreed test date to ensure that the plots are ready to be tested and avoid aborted test fees.

Sound Insulation Testing	Air Leakage Testing
<ul style="list-style-type: none"> ✓ All windows & external doors must be installed, glazed and closed. ✓ All trickle vents or other ventilation systems should be installed and closed. ✓ All internal doors should be hung. ✓ All walls/floors/ceilings must be completed. ✓ All skirting boards, electrical sockets and light switches should be fitted. ✓ In order to test separating floors for impact sound transmission, there must be no cosmetic floor coverings in the rooms to be tested (i.e. timber laminate/solid timber, carpet, vinyl, ceramics). ✓ Rooms in which tests are to be carried out must be empty and tidy. ✓ No trades should be working in the dwellings during the tests. ✓ Access is required to the properties either side of the separating structure(s) under test. ✓ There must be no noisy operations or work in or around the test properties during testing (e.g. drilling, cutting, groundwork). <p>We will need 240v 50Hz mains power to be available within the dwellings.</p>	<ul style="list-style-type: none"> ✓ Where NHBC is not providing Building Control and/or Energy Rating you must provide working drawings and target APR details for the test plots in advance. ✓ All windows & external doors must be dry (no wet paint) installed, glazed and closed. ✓ Mechanical ventilation systems will need to be temporarily sealed during the test. ✓ Passive ventilation systems including trickle vents will need to be closed (and under Part L 2010, you may also temporarily sealed) during the test. ✓ All walls/floors/ceilings must be completed. ✓ All skirting boards, electrical sockets and light switches, kitchen units and bathroom suites must be fitted (where relevant). ✓ Dwellings/Units should be empty and tidy. ✓ No trades should be working in the dwellings during the tests. ✓ Loft hatches/eaves cupboards should be fitted and draft stripped. ✓ Mastic sealant should be completed to doors frames, windows, skirting and services penetrating the fabric of the building. ✓ Drainage traps should be filled with water. ✓ Standard test equipment fits openings up to 1000mm x 2400mm; the front/back door to the property would usually be used. Please advise if we will not have access to an external doorway within these dimensions. <p>We will need either 110 or 240v 50Hz mains power to be available within the dwellings.</p>