

Centre for Sustainable Environments

Acoustic tests available

Test Standard	Details
ISO10534-2	Determination of sound absorption coefficient and impedance in impedance tubes
BS EN 29052	Method for the determination of dynamic stiffness. Materials used under floating floors in dwellings.
ISO 9053	Materials for acoustical applications - Determination of airflow resistance.
Non-Standard Tests	Details
ALT1	Standing wave tube transmission loss.
ALT2	Material damping and loss factor.
ALT3	Impact sound insulation testing.
ALT4	Full micro-structural characterisation of porous media (Biot parameter characterisation).
ALT5	Dynamic analysis.
ALT6	Subjective evaluation of sound quality.
ALT7	Industrial/ work place noise assessment.
ALT8	Environmental noise assessment.
ALT9	Marine and Offshore noise consultancy.
ALT10	Acoustic material design and optimisation.
ALT11	Product acoustic performance assessment.
ALT12	Applications development and noise control treatment.