



practical & cost effective consulting:
from concept to completion

ACOUSTICS & VIBRATION
FIRE PROTECTION
AIR TIGHTNESS

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pace consults: but with a difference

Excellent technical knowledge and expert guidance should come as standard with any consultancy, but with Pace Consult, we demand that these services are also delivered practically and cost effectively.

The benefit being? Total transparency for the client, enabling you to understand exactly what your project needs and why.

Which means? You can make an informed decision and know that it is the right one.

And budget-wise, you can be confident that you'll always get the best value when it comes to our services, and more importantly, that we will work hard to value engineer designs to deliver the most cost effective build solutions.

pace consults: in three specialist areas

Built on the foundations of a highly successful and nationally acclaimed acoustic consultancy, Pace Consult has three specialist consulting divisions: acoustics and vibration, fire protection and air tightness. These three distinct yet closely related disciplines enable Pace Consult to offer flexible consultancy packages tailored to specific project and client requirements.

By adopting an integrated approach to building regulation compliance, Pace Consult can deliver significant efficiency and cost savings on a project, achieved through the streamlining of the supply chain and an ability to treat the multiple project elements as a single brief.

pace consults: nationwide

With consultancy practices nationwide, Pace Consult is able to provide an extremely responsive and competitive service. Underpinned by a highly mobile network of specialist consultants, Pace Consult guarantees to meet any client deadline – no matter how tight.



pace consults: across all industry sectors

A specialist in every way, Pace Consult has established sector experts in each of the three divisions, which means dedicated project teams can be assembled according to the brief and project requirements.

Pace has a proven record in delivering effective and competitive consultancy services for traditional build and design and build projects in the following sectors:

- Education
- Healthcare
- Custodial
- Commercial
- Leisure
- Retail
- Hospitality
- Residential
- Industrial

What our clients say:

“Pace Consult doesn’t need to blind you with science. They get right to the point if there is a problem, and then tell you exactly how to solve it – in plain English.”

Iain Geldard, senior design & build coordinator, Willmott Dixon

“Pace Consult has supported us on a wide range of developments, consistently providing a high level of technical support and guidance, yet remaining cost effective and practical in their approach.”

John Collins, planning director, DHA Planning

“Pace consultants are enthusiastic and deal with projects efficiently and expertly. They will go out of their way to solve problems and find solutions that satisfy the local authority.”

Tracy Puttock, planning manager, Ashill Developments

pace consults: acoustics & vibration

At the core of Pace Consult, the acoustics and vibration division provides access to the full suite of noise related consultancy services. From pre-planning through to post-completion sign off, Pace Consult offers a competitive, professional and common sense approach to acoustic consulting.

The core service offering is provided for all industry sectors and spans:

Planning

- Planning policy guidance and interpretation of guidelines
- Noise and vibration site surveys
- Environmental noise impact assessment
- Expert witness for planning hearings

Detailed design

- Sound insulation of structures - specification, assessment, calculation and measurement on-site
- Reverberation time - calculation, specification of materials and surface areas and field measurements
- Review of construction drawings
- Architectural detail of construction junctions
- Specification of external building envelope constructions
- On-site checking of construction techniques

Mechanical services

- Calculation of limiting acoustic specifications for planning
- Assessment of environmental noise control requirements
- BREEM
- Duct-borne noise analysis of mechanical services systems
- Provision of specifications for attenuation measures, including lined ductwork, duct mounted attenuators, acoustic louvres
- Cross talk analysis
- Anti-vibration specifications for services equipment of structures - specification, assessment, calculation and measurement on-site
- Mechanical services building commissioning



Noise at work

- Advice on the design and layout of the workplace to ensure low noise emission
- On-site noise assessments to determine the daily exposure of noise to workers
- Guidance on the most appropriate noise control methods for compliance
- Recommendation of additional noise reduction measures, including acoustic products and hearing protectors

Testing & certification

- Part E sound insulation testing nationwide
- Available on a contract term or project basis
- Member of the Association of Noise Consultants (ANC) and approved under the ANC registration scheme for testing works

pace partners

If you want to achieve greater commercial advantage on design and build projects, you should become a Pace partner. This three tier partnership scheme streamlines and coordinates the ordering and provision of acoustic consultancy services:

1. Bid accuracy sharpening – desk based brief acoustic review
2. Detailed design up to start on site
3. Construction phase to completion and sign off

Tier 1 is provided completely free of charge, allowing you to sharpen up your bid, with subsequent consultancy services delivered against a pre-agreed and preferential pricing structure.

Pace partners are also eligible for free CPD seminars, delivered by our sector specialists according to training needs.

For further details on the seminars available, contact seminars@paceconsult.co.uk

pace consults: fire protection

By adopting a holistic approach to fire protection, Pace Consult is able to achieve the right balance between practicality and risk. Delivering a competitive end-to-end service, Pace Consult can manage the fire protection requirements of any project, from pre-planning through to ongoing fire risk assessments.

The core service offering is provided for all industry sectors and spans:

Planning

- Planning policy guidance and interpretation of guidelines
- Fire protection site surveys
- Expert witness for planning hearings

Design through to installation

- Guidance and advice on Part B compliance
- Fire protection of structures and fire compartment design
- Review of construction drawings
- Architectural detail of fire protection interfaces
- Specification of fire protection materials
- Site supervision of passive fire protection works
- Third party verification of passive fire protection installation

Regulatory Reform (Fire Safety) Order (2006)

- Structural fire risk assessments
- General fire risk assessments
- Fully costed fire risk assessments
- Fire risk awareness training
- Emergency planning and management



pace consults: air tightness

Expert in building regulation compliance, Pace Consult provides the complete solution for satisfying Part L standards, whether for residential, commercial or public sector projects. With a fully flexible and cost effective service offering, Pace Consult will tailor an air tightness package to meet specific client and development requirements.

The core air tightness service offering is provided for all industry sectors and spans:

Design through to installation

- Guidance and advice on Part L compliance
- Review of construction drawings
- Architectural detail of construction junctions
- Calculations and measurements of thermal resistivity and U-Values
- Specification of external building envelope constructions
- On-site checking of construction techniques
- Remedial consultancy – bringing a building up to Part L standards

Testing & certification

- BINDT and UKAS accreditation for air leakage, pressure and permeability testing
- SAP calculations from start to finish including EPC's
- Air pressure testing
- Air leakage testing
- Air tightness testing
- Air permeability testing
- Domestic air testing
- Smoke testing
- Environmental thermal assessment

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