Building acoustics

Can the acoustics in your building be improved? Are you on the look-out for the best, most suitable partner for your acoustics? In that case, you have come to the right place.

Your tailor-made solution

Vinçotte has wide experience in performing measurements and conducting studies relating to acoustics in buildings.
Our expertise in this field comprise a wide range of services:

- acceptance tests as per various international standards
- noise measurements relating to service equipment sound (HVAC, elevators, etc.)
- measurements of airborne sound insulation between rooms
- measurements of airborne sound insulation of façades and façade elements
- detecting acoustic leaks through intensity measurements
- field measurements of impact sound insulation of floors
- measurements of the reverberation time of rooms
- vibration measurements in buildings
- predictions and advice on the noise impact of new installations
- making predictions on acoustic insulation using specific building acoustics software
- advice on how to improve existing situations
- verification of Specifications

Vinçotte Environment offers you a high level of technical qualifications and experience in building acoustics. It is also possible to detect acoustic leaks by conducting “in situ” measurements, and we can therefore act as your “problem solver”.
Furthermore, we offer you a guarantee of our neutrality and can also act as an independent third party in case of disputes.

Your result

Thanks to our experts, you will avoid noise problems in new construction homes/offices and you can have an objective expert report to check whether a building satisfies the most recent acoustic standards.

Please note

Norms and Standards

Vinçotte provides its services in conformity with the following sections of the existing norms and standards:

- NBN S 01 – 400 – 01: Acoustic criteria for residential buildings
- NBN-S 01 – 400 – 02 : Acoustic criteria for school buildings
- NBN EN ISO 140-5: Measurement of sound insulation in buildings and of building elements - Part 5: field measurements of airborne sound insulation of façade elements and façades between rooms/spaces
- NBN EN ISO 140-7: Measurement of sound insulation in buildings and of building elements - Part 7: field measurement of impact sound insulation of floors
- NBN EN ISO 717-1: Determination of the sound insulation in buildings and of building elements - Part 1: Airborne sound insulation
- NBN EN ISO 717-2: Determination of the sound insulation in buildings and of building elements - Part 2: impact sound insulation
- NBN EN ISO 10 052: Practical measurements of airborne and impact sound insulation and of sound made by service equipment - Global method

In which situation?

We offer these services to just about all companies or clients:

- public and private clients
- companies active in HVAC, construction of light walls, construction of floating floors, etc.
- architects – real estate owners – building managers
- maintenance companies
- enterprises and SME’s in general
- court–appointed experts