

THE FINEST BUILDINGS

are made
**WITH ATTENTION TO DETAILS
FOR ALL HUMAN SENSES**

DEVELOP BUILDINGS WITH GREAT ACOUSTICS

Luxurious buildings are always outfitted with the most high-end features which serve the building's purpose. One of the most important considerations when designing a highly functioning building is to provide comfort for the occupants. Comfort in a built environment is affected by a number of different aspects which include personal factors, thermal comfort,

indoor air quality, visual comfort, and acoustic comfort.

Acoustics is the key to success for many buildings and building spaces, and it shall be carefully considered for a space to function well. When acoustic considerations are applied to a building, not only it will increase a space's functionality, but also add tremendous value to the building.



Geonoise Asia

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OUR SERVICES

ACOUSTIC INSULATION

A proper acoustic insulation helps you to avoid any disturbance that comes from adjacent rooms. Acoustic insulation design relates to the ability of a building element or building structure (i.e. walls, floors, ceilings, glazing, assemblies, doors, etc.) to reduce sound and impact transmission through it. Geonoise provides calculation and recommendations of material and construction related with acoustic insulation.

ROOM ACOUSTICS

Room acoustics describes how sound behaves in an enclosed space and therefore affects how sound is perceived in a room. Room Acoustics is an important aspect when speech and/or music is present in the room. The sound quality in the room is affected mainly by the geometry, volume, and materials used on the surfaces of a room. Geonoise provides room acoustic modelling and room acoustic design.

BUILDING NOISE

Building noise control is critical to ensure that the noise level in a space is sufficiently low so that the space can function as intended. Noises that are present inside buildings includes mechanical noise from HVAC system, plumbing noise and building service equipment. Geonoise provides calculation and treatment recommendations for MEP systems in buildings to ensure that the noise level is adequately controlled.

BUILDING ACOUSTIC MEASUREMENTS

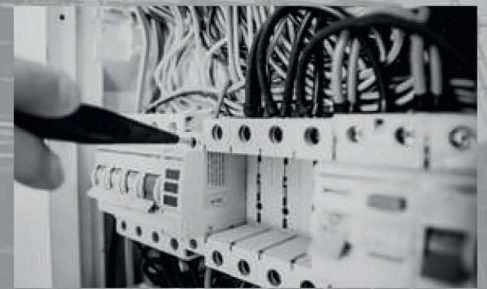
With a wide range of measurement equipment such as sound analyzer, tapping machine, omnidirectional sound source and acoustic camera, Geonoise is capable to perform a wide range of in-situ measurements which include sound insulation (airborne and impact), room acoustics (RT, STI, etc.), noise level (NC, RC, dBA, etc.), sound leakage detection with acoustic camera, and many more.



SELECTED PROJECT PORTFOLIO IN BUILDING ACOUSTIC

Year	Client/Project	Scope of Work	Location
Feb 2013	St Regis Hotel Ratchadamri	Acoustic Consultation for ballroom, including insulation design and HVAC Noise	Bangkok, Thailand
Sep 2013	Banyan Tree Hotel	Sound Insulation measurement, Structure-borne Noise assessment and consultation	Bangkok, Thailand
Jan 2014	All Seasons Place	Airborne Sound Insulation measurement and consultation	Bangkok, Thailand
Jan 2015	The Westin Grande Sukhumvit	Airborne Sound Insulation Consultation	Bangkok, Thailand
Feb 2015	Rosewood Hotel Phnom Penh	Building Acoustics consulting	Phnom Penh, Cambodia
Nov 2015	The National Theatre of Thailand	Room Acoustics measurement	Bangkok, Thailand
May 2016	Landmark Yangon	HVAC Noise predictions and mitigation	Yangon, Myanmar
June 2016	L'Opera Hanoi	Vibration measurements and consulting	Hanoi, Vietnam
Sep 2018	The Chava Resort	Mechanical Noise measurement and consultation	Phuket, Thailand
Mar 2019	Google Indonesia	Acoustic consultation for LEED certification	Jakarta, Indonesia
May 2019	King Power Mahanakhon	Acoustic consultation and material supply for a penthouse	Bangkok, Thailand
Jul 2020	International Financial Centre Building	Whole-body Vibration measurement and consultation	Jakarta, Indonesia
Sep 2020	PJ Garden Hotel	HVAC Noise mitigation	Petaling Jaya, Malaysia
Sep 2020	RIMBA Jimbaran Bali by AYANA	Airborne Sound Insulation performance measurement	Bali, Indonesia
Apr 2021	Amphawan Temple	Vibration measurement of historic building	Samutsongkhram, Thailand

R E F U S E
t o b e
A V E R A G E



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