

# How to Design for Acoustic Engineering

Acoustic engineering is the design, analysis and control of sound and vibration.

## BENEFITS:

Protect physical & mental wellbeing

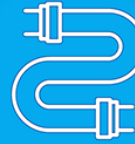
Overall cost savings

Increased occupant comfort



## INSULATION

Doors & windows with a high Sound Transmission Class (STC) rating mitigate sound transmission.



## MULTILAYER DRAINAGE PIPES

Multiple layers retain the sound of water within pipes and act as a sound absorbent.

## HOW TO ACHIEVE ACOUSTIC COMFORT:



## SOUND ABSORBING MATERIALS

Acoustic ceiling tiles, carpeting, soft furnishings & curtains help to dampen sound reverberation.



## ANTI-FOULING ADDITIVE TO DRAINAGE

PP+AF as the innermost layer of pipes provides high chemical resistance & keeps the bore clear, reducing noise levels.

 **Polypipe**

Middle East