

Providing Acoustic Solutions for Communal Living



CHALLENGE

Sandyford Central development had to manage the needs of multiple communal spaces while ensuring compliance with Part E 'Sound' Building Regulations.

SOLUTION

AWN provided innovative acoustic design solutions through the selection of separating construction elements to control noise transfer and the selection of acoustic materials.

RESULT

AWN's acoustic treatment ensured a high-quality environment through Sandyford and enhanced acoustic comfort for residents.

ENHANCING COMMUNAL COMFORT WHILE MAINTAINING REGULATIONS

The Sandyford Central development in South Dublin is a landmark residential project comprising 564 apartments across six distinct blocks. The scheme places significant emphasis on communal amenity spaces, including a reception, gym, co-working areas, lounges, multifunctional rooms, a panoramic rooftop lounge, a crèche, and a café. AWN Consulting, a Trinity Consultants team, was brought in to provide acoustic support during the construction stage.

CHALLENGE

The Sandyford Central development faced acoustic challenges due to its scale and the variety of communal spaces. Ensuring compliance with Part E 'Sound' of the Building Regulations and maintaining a high-quality acoustic environment in the communal spaces were critical aspects of the project.

SOLUTION

AWN provided innovative acoustic design solutions through the selection of separating construction elements to control noise transfer and the selection of acoustic materials for ceilings, walls, and floors to optimise the room acoustics for communal spaces. Pre-completion testing undertaken by AWN ensured that the design met the regulatory requirements of Part E (Sound).

RESULT

The successful implementation of the acoustic design has resulted in a high-quality environment throughout the Sandyford Central development, enhancing acoustic comfort and the living experience.

ABOUT TRINITY CONSULTANTS

Trinity Consultants, a leading global environmental consulting firm, provides services and solutions in the EHS Regulatory Compliance, Built Environment, Life Sciences, and Water & Ecology markets. Founded in 1974, Trinity has the technical expertise, industry depth, and capabilities to help clients achieve their goals across the natural and built environments.