



NZME
Media Centre

CASE STUDY

PROJECT DETAILS

Location
151 Victoria Street West,
Auckland

Project Type
Commercial building

Builder
Alaska Interior

Specifier
Telco NZ

Acoustic Engineers
Marshall Day Acoustics

Developer
Manson TCLM

FEATURED PRODUCTS

HardiePanel™
Compressed Sheet

New Zealand Media and Entertainment (NZME.), formerly APN NZ, is the anchor tenant in a media centre in central Auckland. The company occupies 8,300m² across three floors, and has integrated all its operations into one area, including the NZ Herald and The Radio Network.

THE CHALLENGE

For media studios, a very low background noise is desirable. If studios share a common floor slab with other activities then sound transmitted via the floor slab can be problematic. Potential sources of noise are footfall, sound from nearby offices, equipment noise, and sound from other studios.

THE SOLUTION

Architectural designer Telco NZ and acoustic consultants Marshall Day specified an acoustic structural flooring solution by James Hardie to optimise acoustic performance and enable its radio, publishing, and digital operations to operate side-by-side in this state-of-the-art media centre.

HardiePanel Compressed Sheet was installed on timber battens and a rubber cradle to minimise noise transference.

Technical Support Manager, Singh Kamboj, at James Hardie explains how the system works, "impact noise is absorbed into the rubber cradles, which means no echo or squeaks for optimum acoustic performance – critical to this studio setting."

Nick Brkan, Alaska Interiors Project Manager, says it was his first time using this system for this type of application. "The flooring system was installed in four studios downstairs and one room upstairs. The installation was a simple process, despite the fact that no rooms were square."

While the HardiePanel Compressed Sheet flooring system provides the necessary acoustic performance required of a commercial building of



HARDIEPANEL™ COMPRESSED SHEET

Designed to be used as structural flooring for use under tiles, marble, slate or granite in wet and semi-wet areas, indoors and out. Ideal substrate for floors on ground floors and second storey buildings. Outstanding performance under tiles.



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this nature, it exceeds the minimum Impact Insulation Class (IIC) of 55 for floors as specified in Clause G6 of the New Zealand Building Code and Sound Transmission Class (STC) when used on almost all available structural floor systems. The use of the HardiePanel Compressed Sheet flooring system reduces the need for impact underlays and high

performance ceiling systems.

James Hardie fibre cement products are also manufactured using low-toxicity raw materials. The new media centre has been designed to a 5-Green star rating and the specification of this James Hardie floor system will help achieve a sustainable, healthy, and high-quality environment for NZME.