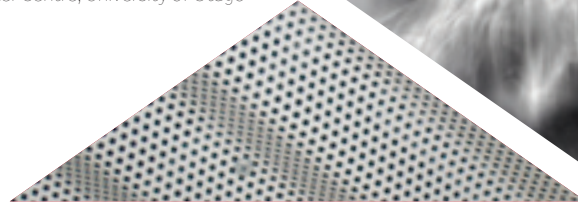




Hunter Centre, University of Otago



Audioperf®

## Acoustic performance for the largest cacophony

When Parker Warburton were designing the award-winning Hunter Centre, (an innovative learning hub for the University of Otago based around a central atrium), there were a number of design and audio issues.

Noise reduction and absorption were critical to creating an effective study environment in an area which had a very high ceiling. Dimond® Roofing's Audioperf® was chosen to help modulate the acoustics in the potentially noisy and challenging communal space. A sleek finish and excellent acoustic performance achieved exactly what the University needed.



**masterspec partner**





# Audioperf®

Commercial

## A Unique Audio & Fire Performance Treatment.

Audioperf® is a perforated ceiling system for commercial applications. Audioperf® is manufactured from perforated metal coil roll-formed into a wide range of profiles.

Developed for large and medium scale building applications and particularly large span ceiling applications Audioperf® gives strong clean lines and bold symmetry. With modern forms it is used to create dynamic shadows and can be integrated with bespoke flashings to create negative details and installation points for sprinklers, light units etc.

Where fixed in accordance with installation instructions the system provides both acoustic and fire performance. It is the ideal choice for school buildings, including pools and gymnasiums or large retail / office spaces.

## Additional Profile Information

Available in the following materials:

- Unpainted Zinalume, Galvanised or Aluminum
- Pre-painted Colorcote – ZinaCore™, MagnaFlow™, AlumiGard™

**Notes:** Please consult with a Dimond® Representative before ordering for:

1. The correct coat to suit your roof to match the environment.
2. Availability of any non standard colours, materials or thicknesses.

Maintenance must be carried out on your new roof to ensure the roof meets the required durability according to the New Zealand Building Code and material warranty.

## Audioperf® is available in the following profiles and materials:

Corrugate, Hi Five, Six Rib and LT7.

## Audioperf® Specifications

Maximum allowable spans for direct fixed ceiling applications

Material	Corrugate	Six Rib	Hi Five	V8/V6	Mega 5
0.55mm Steel*	1.30	1.35	1.50	1.60	1.70
0.70mm Cu	0.80	0.82	0.88	0.90	0.93
0.70mm Alu	1.30	1.65	1.50	1.60	1.70
0.90mm Alu	1.50	1.65	1.70	1.80	2.00

\* Includes AZ150 Coated Steel, Galvanised, Pre-painted and Powder Coated steel material



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June 2018

 Dimond Roofing™