

# Acoustics Certificates Ltd.

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**Acoustics Certificates Ltd.**

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[www.acoustics-certificates.co.nz](http://www.acoustics-certificates.co.nz)

PO Box 3197,

Greerton Mail Centre,

Tauranga 3142.

**Cory Lang**

**Building Inspections Unit**

**Hamilton City Council.**

**Re: 136 State Highway 26, RD6, Newstead, Hamilton Lot 2 B 2021 43914 G6 soundproofing inspection 9-8-2023.**

Level	Apartment	Area	-	Level	Apartment	Area	IIC
1	1	Bathroom		Ground	1	Kitchen	44
1	1	Toilet		Ground	1	Bedroom	48
Level	Apartment	Area		Level	Apartment	Area	STC
1	1	Bedroom		Ground	1	Lounge	55

**Comments:**

The NZBC G6 minimum onsite compliance rating is IIC and STC 50 or higher. Councils also have the option of accepting compliance under the best practical option pathway.

It is always hard to achieve IIC 50 or higher onsite with lightweight wooden mid floors.

I am aware only of floating floors systems such as GBDFA 60D & E reliably achieving IIC ratings higher than IIC 50 with lightweight wooden midfloor construction types.

Those GBDFA 60D & E systems are easily implemented at the design stage, but are much harder to incorporate at the repair or renovation stage.

This is not an inspection or certificate of compliance of any applicable resource consent soundproofing conditions.

I hold a formal tertiary qualification specifically in Acoustics & Noise Control.

I am working within my insurance covered area of qualifications and experience.

Signed on behalf of Acoustics Certificates Ltd.



Bob Russell -

Director, Acoustics Certificates Ltd.

Post Graduate Diploma of Acoustics & Noise Control of the Institute of Acoustics UK, London (1991)

Additional Institute of Acoustics UK specialist papers in 'Regulation and Assessment of Noise' and  
'Environmental Noise' (Merit passes, 2012)

Professional Grade Membership of the Institute of Acoustics UK

Auckland Council Building Warrant Number 1806 (Sole specialist building soundproofing warrant  
holder 2004 -2016)