

<https://boomspeaker.com/noise-level-chart-db-level-chart/>

Hi Gary,

Thanks for the emails yesterday and I have attached the details on the soundproofing of the new clubhouse building which are accompanied by some notes for clarity.

Nigel

----- Forwarded message -----

From: NIGEL DAVIES <nigel133@btinternet.com>

To: Ellis John <ejohn@clarksmodular.co.uk>

Sent: Wednesday, 3 April 2019, 10:07:08 BST

Subject: Re: 1961-01 Merthyr RFC (Merthyr) - Modular Building/New Clubhouse

Thanks Ellis

On Wednesday, 3 April 2019, 09:47:42 BST, Ellis John <ejohn@clarksmodular.co.uk> wrote:

Hi Nigel,

Could you pass this on to whomever needs, the Acoustic rating of our Modular Building is as follows;

MODULAR BUILDING SOUND INSULATION:

33-44 dB (according to ISO L40/V)

Had a quick look into Noise levels see below chart, they have Conversational levels at 60dB, a Vacuum Cleaner at 75dB, a Rock Band at 110db, therefore our sound insulation of 44db would reduce a Rock Band to (100dB less 44dB) 66dB externally at 1mtr, sound drops over distance, therefore at 30mtrs it would be approx a further 30dB less.

Need anything else let me know.

Regards

Ellis