

ACOUSTIC TECHNICAL NOTE

Reference:	11427.ATN.0
Revision:	0
To:	Ricky Simmonds @ Fortis Vision
From:	Alex J Wyatt
Date:	10 January 2022
Project:	Unite, New Medlock House
Subject:	Planning and Building Regulations consideration of glazing and partitioning to form new bedrooms

It is understood planning is sought for the conversion of previously over-sized shared kitchen/dining/living rooms into smaller units with an additional bedroom created adjacent. This is to occur in various floor and façade locations throughout the existing development in 19No. locations. Consideration is given to the installed glazing and the proposed new partitioning to create these divides, as follows.

Glazing

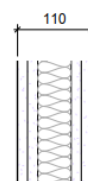
The development would have gone through the planning process when it was originally constructed, and the glazing suitably specified to ensure reasonable internal noise levels were achieved. Unfortunately it has not been possible to track down any historic reports or specifications.

On the assumption that the originally installed glazing was appropriate (and it is understood that no complaints have been raised regarding noise since occupation) and the fact that no alterations are proposed to the external façade or glazing for these works, then it is assumed the installed glazing will still be suitable and fit-for-purpose for these proposed internal alterations.

Partitioning

These alterations are splitting a large kitchen room into a smaller kitchen room and an additional bedroom. The proposed partition is an "internal" wall within a Cluster flat and the construction will follow Unite's standard Turnkey Specification proposal, which has been considered suitable on many new-build projects over the last 15 years, namely;

2 x 15mm SoundBloc each side of 50mm metal C studs with 50mm mineral wool in the cavity.
Overall dimension of 110mm, achieving R_w 54dB.



Wall Type P3a

Location	Kitchen-to-Bedroom Kitchen-to-Flat Corridor (no columns)
Colour	Light Orange 
Fire Rating	30mins
Acoustic Rating	54 R_w dB
Duty Rating to BS 5234 (1 & 2)	Severe
Typical Construction	2no. 15mm dense plasterboard (eg. BG SoundBloc) fixed each side of a 50mm metal 'C' studs at 600mm c/c's. 50mm mineral wool in cavity.

We do not deem there to be any other acoustic-related matters that require consideration from a planning perspective.

We trust the above to be of assistance at this stage. Should you have any queries in relation to the above, we would be pleased to provide further support and advice as required.

For RBA Acoustics

A handwritten signature in black ink, appearing to read 'A.J. Wyatt', with a long horizontal flourish extending to the right.

Alex J Wyatt