A Residential Solution for London Underground Train Noise that Really Works:

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Groundborne noise pollution from London Underground trains is a growing problem for London residences, particularly now that the Night Tube service is running on some, and soon to be operational on other, lines. Alongside this, the development of Crossrail portends further occurrences of noise disturbance.

Tube noise can adversely affect quality of life during the day, for those living on or near a tube line. However, the problem is far worse at night; sleep disturbance can have serious side-effects, even resulting in ill-health, with reports of headaches, hearing damage, tinnitus, fainting and impaired work output. In the worst cases, people are left with no choice but to move out of their own homes, on their doctor's advice. What's more, these people frequently have trouble selling their homes, due to the noise problem.

The question arises as to what can be done to mitigate groundborne noise disturbance, either at source or indeed by residents themselves from within their own homes. TfL rarely resolve the issue at source, however, Mute Soundproofing® has demonstrated, through extensive field testing, that it is possible to get groundborne tube noise levels within the recommended TfL guidelines, with a retro-fit interior solution.

TfL's Noise & Vibration Asset Design Guidance has set a benchmark for acceptable levels of groundborne noise, from railways, in a residential dwelling of 40 dB, LAFmax, with 35 dB, LAFmax set as the ideal standard.

To view a detailed case study, please follow the link:

https://www.mutesoundproofing.com/case-studies/anti-vibration-system-house-clapham/

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