



## The Market Building - Acoustic Flooring

### Project Details

✓ Product: UKAS Cradle & Batten + Knauf Gifa

✓ Client: Quinn London Ltd

✓ Location: High Street, Brentford, London

✓ Area: 479m<sup>2</sup>

### About UKAS

UK Acoustic Systems are recognized as one of the leading providers of soundproofing and sound absorption solutions for the commercial, leisure, educational and residential sectors; we have successfully supplied and installed soundproofing solutions for a large number of UK clients, developers and contractors nationwide.

[www.ukasystems.co.uk](http://www.ukasystems.co.uk)

### Project Scope

In 2015, Quinn London Ltd started the refurbishment of The Market Building, in Brentford which involved the conversion of Offices to residential dwellings as a 'Material Change of Use' project. UK Acoustic Systems provided acoustic solution options for this project, in order to ensure a cost effective Value Engineering Exercise, on behalf of the Main Contractor.

As the 1st floor required a deep void system due to new soil pipes and waste pipes having to be installed along the corridor within the building for kitchens and bathrooms, it was agreed to utilise UK Acoustics Cradle & Batten System. This provided a service void for the pipes of 300mm whilst the other areas of the floor were treated with the system at 80mm FFH. The cradle & batten acoustic floor was then overlaid with Knauf DLH25 Gifa boards. The cradle & batten floor system has been installed on the existing concrete and existing timber structural floors to provide a level floor over the un-even sub-deck. The service void provided by the UKAS cradle & batten system can be used for other flooring applications, such as underfloor heating. The high density Knauf DLH and FHB boards help to increase both acoustic performance and improve thermal performance.

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