



## Garratt Lane, Tooting - Acoustic Flooring

### Project Details

Product: UKAS Cradle & Batten FFT2 Flooring

Client: Laxcon Construction

Location: Tooting, London

Area: 2,350m<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

Garratt Lane in Tooting is located in the South East of London, close to the Northern Line on the London Underground, making it a residential building perfect for commuters.

Works started on Garratt Lane towards the end of June 2014, where we installed approximately 2,350 m<sup>2</sup> of UKAS cradle & batten acoustic flooring to provide a deep service void and a level floor on the un-even concrete structural deck. The extremely un-even sub-floor throughout the premises combined with project specific requirements of a deep service void for Under Floor Heating soon meant the UKAS Cradle System was the only solution in maintaining a 125mm finish floor height throughout the project.

The quality of installation was made clear upon the release of the acoustic flooring testing results as noted below. The average reduction and improvement of Impact noise was 22dB, with Airborne performance averaging 56dB, which is significantly higher than ADE and RD regulations.

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Construction under test	Airborne DnT,w + Ctr dB		Impact L'nTw dB		Pass/ Fail
	Measured DnT,W + CTR	Required Performance	Measured Impact L'nTw	Required Performance	
Floor 1	60	45	39	62	Pass
Floor 2	60	45	41	62	Pass
Floor 3	61	45	39	62	Pass
Floor 4	59	45	41	62	Pass
Floor 5	54	45	44	62	Pass
Floor 6	57	45	42	62	Pass
Floor 7	57	45	41	62	Pass
Floor 8	58	45	41	62	Pass
Wall 1	54	45			Pass
Wall 2	50	45			Pass
Wall 3	54	45			Pass
Wall 4	50	45			Pass
Wall 5	56	45			Pass
Wall 6	57	45			Pass
Wall 7	58	45			Pass
Wall 8	57	45			Pass
Wall 9	55	45			Pass