InstaGroup
Case Study

S4 Handyside Street
King's Cross, London

Our efficiency and expertise saves time

13,229
m² acoustic subfloor installed

120
Cradle and Batten acoustic floor systems with UFH

56
Cradle and Batten acoustic floor systems

Developer
Argent

Main contractor
Laing O'Rourke

Architects
Chapman Taylor

Products installed
- InstaGroup cradle and batten acoustic floor system for 56 units
- Cradle and batten acoustic floor system with underfloor heating for 120 units

Project scope
- Residential new build
- 8-storey block social housing
- 13-storey block private housing
- Total of 176 apartments
- 13,229 m² installed

Supporting sustainability in construction

Laing O'Rourke aims to lead in construction innovation, applying modern methods at King's Cross with prefabricated structures, bathroom pods, and InstaGroup's 'dry' cradle and batten acoustic floor system.

The Project Director, familiar with InstaGroup's efficiency and waste reduction, trusted their system based on past collaboration with Lendlease.

Acoustic solutions for a new community

The new development includes 176 homes, comprising social and private apartments of various sizes.

For 56 affordable apartments, our acoustic cradle and batten system with chipboard and vinyl flooring was installed.

For 120 marketed apartments, underfloor heating with acoustic cradle and batten, GIFA board, and marble tiles ensured heat efficiency and stability.

Proactive on-site

The marketed apartments had a large format quarried marble tile floor specified which emphasised the quality of the project. Whilst cradle and batten systems are suitable for tiled applications, given the tight build time and a desire to ensure no issue with the large format tiles, we proposed using GIFA high density gypsum fibre board.

Made from recycled gypsum, this solution also supported the project's sustainability goals.

For more information, please call **0118 973 9560** or email **enquiries@instagroup.co.uk**

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Industry-leading technical support

With over 40 years of industry experience and on-site expertise, our dedicated technical teams provide end-to-end project support, from meticulous pre-planning to install, completion and aftercare.

Our complete service incudes guidance on material specification, system design, technical approvals and pre-completion testing.

Why specify our systems?

- **Improves on-site efficiency** with quicker construction sequencing and potential cost savings
- A lightweight solution **minimising the structural loading** on the builing
- **Easy to adjust** floor heights on-site, overcoming uneven surfaces
- **On-site technical support** and in-house knowledge
- No-screed solution **reduces environmental impact**, lowers embodied carbon in the building
- Manufactured with **recycled and/or sustainable components**
- **Choice of overlay boards** and systems to suit requirements
- We offer a **complete design, supply and fit service**, or can provide material supply only

Cradle and batten

InstaGroup's cradle and batten flooring is up to 30% faster to install compared to using traditional screed, with the potential to save weeks on construction timelines.

Our unique patented system has been specified for large-scale projects and landmark buildings across the UK. It's proven to deliver outstanding acoustic performance for both residential and commercial projects.

For new builds, upgrades and redevelopments, cradle and batten is an effective acoustic solution for timber and concrete floors.

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