



OVER
40
YEARS
OF QUALITY SERVICE

Cradle and Batten Acoustic Flooring with Underfloor Heating

For new builds, property redevelopments and building upgrades

www.instagroup.co.uk



InstaGroup is a market-leading supplier and national installer of solar, insulation and flooring systems.

We operate the UK's longest running and largest installer network, providing energy saving solutions through government-backed national funding schemes.

We put people at the heart of what we do, driving Net Zero and reducing home energy bills all over the country.

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, hand-over** and **after-care**.

Our complete service includes guidance on **material specification, system design** and **technical approvals**.

Trusted project management

The consistent high performance of our turnkey service makes InstaGroup the preferred partner for many leading contractors.

We provide one point of contact, backed by professional accountability, to ensure the success of your project.

We are approved to provide on-site training for sub-contractors and can oversee projects throughout to ensure best results. Our teams are trained to install passive fire protection as part of our works, and we are IFC compliant.

All InstaGroup quality procedures achieve third-party accreditation.



“ We pride ourselves on being one of the most sustainable construction companies, InstaGroup’s cradle and batten system perfectly fits into our vision for creating a sustainable and environmentally friendly site build. ”

Lendlease Project Director, Elephant Park

Large scale project delivery

Our major projects for cradle and batten with underfloor heating include:



Elephant Park
South Quay Plaza
Battersea Power Station
Greenwich Peninsular
King’s Cross
Principal Place



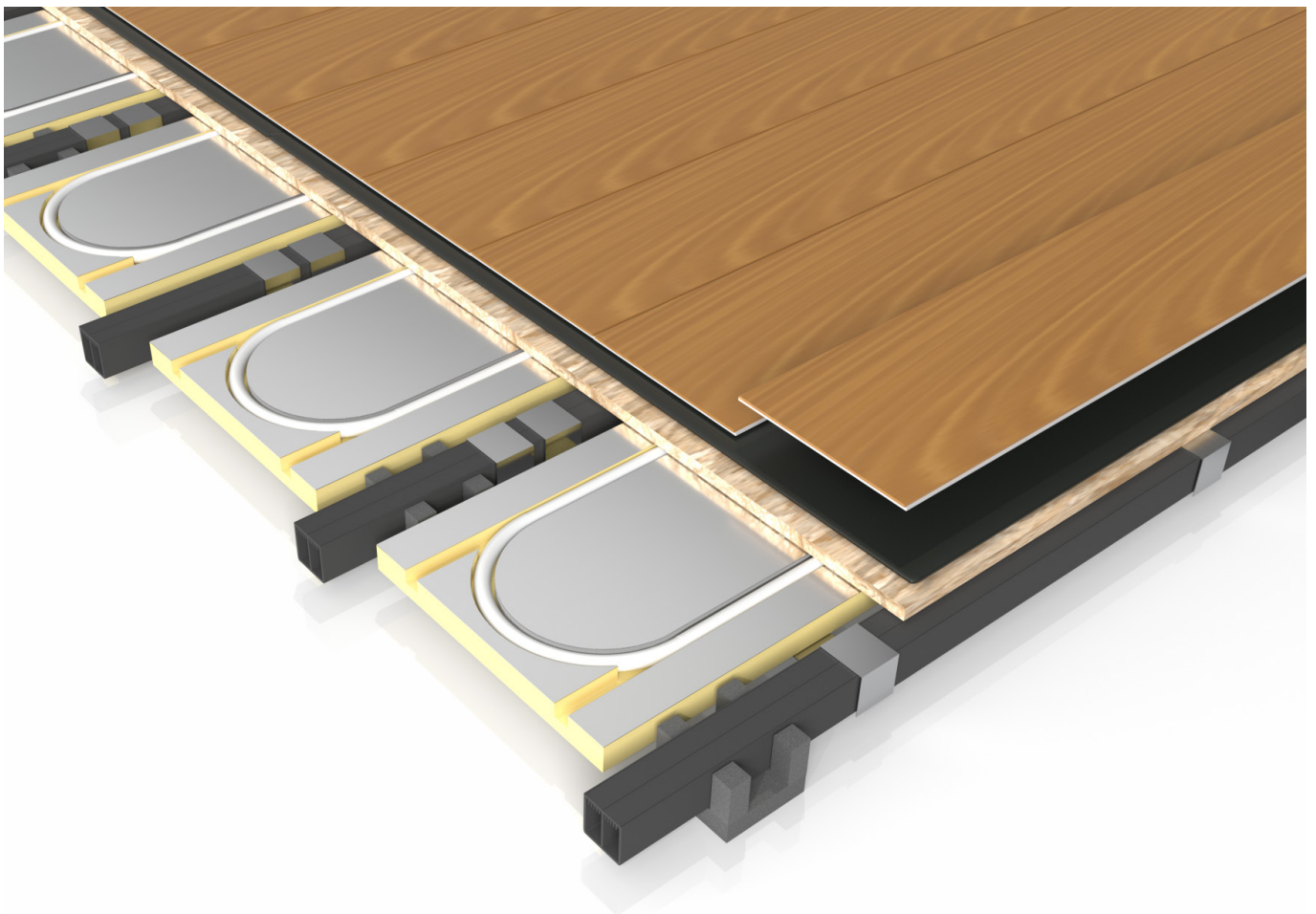
InstaGroup's acoustic cradle and batten flooring

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.



Want to know more about our systems? Scan the QR code



Why specify our systems?



Improves on-site efficiency with quicker construction sequencing with potential cost savings



Easy to adjust floor heights on-site, overcoming uneven surfaces



A lightweight solution minimising the structural loading on the building



No-screed solution reduces environmental impact: lowers embodied carbon in the building



Manufactured with recycled and/or sustainable components



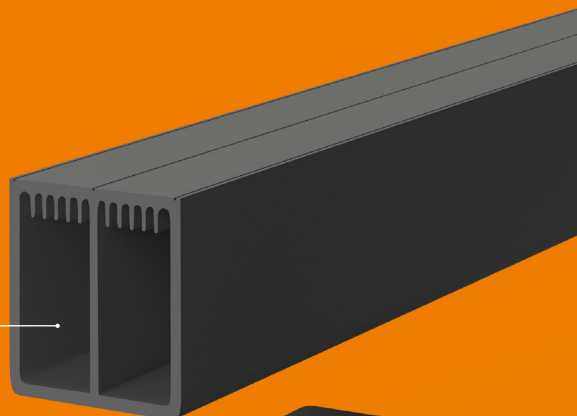
We offer a complete design, supply and fit service, or can provide material supply only

Coming in 2025

Recycled plastic battens

Improved carbon savings • Reduced weight

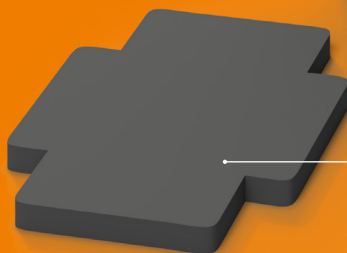
Recycled plastic or timber batten (FSC® certified)



Recycled rubber crumb cradle manufactured from recycled lorry tyres



Cradle base packer



Cradle packers

“ The quality of installation at Greenwich Peninsular was excellent. If, like with any trade, there was an issue, Insta attended to it straight away – again with no complaint, excuse or argument. ”

Mace Project Director, Greenwich Peninsular

Cradle and batten acoustic flooring system vs screed

The downsides of screed

- ❌ Cement screeds have high levels of embodied carbon, increasing the environmental impact of construction
- ❌ Contractors waiting and screed drying times delays the construction sequence
- ❌ Uses huge amounts of water
- ❌ The heavier system requires a stiff slab
- ❌ Wet trades are messy on-site

The upsides of cradle and batten

- ✅ Less environmental impact than using screed
- ✅ Air is a great insulator of heat and sound, and when it's combined with insulation (rubber cradles) it delivers a superior acoustic and thermal performance compared to screed laid onto the slab
- ✅ Fast and consistent installation
- ✅ The dry system uses no water and there's no delay waiting for curing/drying. When the last board goes down, the next trade goes in.
- ✅ When specified at the initial building design stage, the lower weight and less loading can reduce the amount of structural concrete and rebar required
- ✅ Offers greater constructability/ customisation: different cradle heights and packers underneath the battens can achieve a level floor finish on an uneven slab
- ✅ 60-year guarantee



Want to know more about our systems? Scan the QR code





68 floors

600 apartments

22 miles
underfloor heating pipework

11k car tyres saved
from landfill

South Quay Plaza Installation of cradle and batten acoustic flooring with underfloor heating

Project Scope

Manufacture, design and installation of InstaGroup C40 Acoustic cradle and batten floor system plus full UFH commissioning package

Developer and Main Contractor

Berkeley Homes
(SEL) Limited

The main tower at South Quay Plaza houses more than **600 apartments** over **68 floors**, making it one of the tallest residential buildings in Western Europe.

After successfully installing our patented dry flooring solution for Berkeley Homes on a previous project, we had the opportunity to offer our complete flooring package to include underfloor heating.

Our reputation for on-time, on-budget delivery of a complete solution, plus our competitive tender, secured our appointment.

We worked closely with the designers, architects and client project team to successfully overcome challenges on-site.

Altogether, over **22 miles** of underfloor heating pipework was supplied, installed and tested.

Berkeley Homes were already aware of the environmental benefits of our cradle and batten system. We were very pleased to inform the client that the installation at South Quay Plaza 1 saved over **11,000 car tyres** from landfill.



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