

Blake Tower, London

PERI UP Easy provides quick façade access to the highest point of Grade II listed Barbican development

Key Benefits:

PERI UP Easy was four times faster than the predicted build time

Integration between PERI scaffolding systems offered greater flexibility

Fewer components enabled 50% reduction in labour time

"We found the system easy the whole way through. There was no strain; it wasn't taxing on the body. The handrail was moved up without having to use scaff steps which was a unique method, and the various self-locking components meant there was no uplift in the case of windy weather. These two built-in safety features made the system easy to work with."

Director
Legion Scaffolding
SHAUN SOMERTON

The project at a glance

Blake Tower, part of the Grade II listed Barbican development, was converted into luxury apartments in 2015.

To support the recent installation of windows on the top floor apartments, we provided a PERI UP scaffolding solution. This is the first project in the UK to feature our lightweight access scaffolding system – PERI UP Easy.

Customer: Legion Scaffolding

Project type: Residential

Products and Services:

PERI UP Easy scaffolding

PERI UP Flex scaffolding

What did the customer need?

One of the main requirements was external ladder access over 26 floors and above 50 metres in height. This was in addition to hanger access to the balcony, which would enable window installation across the tower's luxury penthouse apartments.

What was the challenge?

Technical expertise from our scaffolding team was crucial in accommodating the challenging access requirements in this central London location. With residents occupying the building as the construction work took place, additional pressure was placed on keeping build and dismantling times to an absolute minimum.



How did we help?

Features such as the advanced guardrail, and the fact that it's made of off-the-shelf components, made the PERI UP Easy system ideal for this requirement. With fewer couplers and special tools required, scaffolders experienced a simpler and faster build process compared to tube and fit.

The PERI UP Easy tower took scaffolders two days to build, making it more than four times faster than the predicted build time (10 days) for a tube and fit equivalent. In addition to halving build times, PERI UP Easy's low weight and minimal components also reduced transport requirements.

What made our scaffolding solution more beneficial is the integration of the simple PERI UP Easy tower with versatile PERI UP Flex components. The latter was used for the complex access requirements on the balcony itself, consisting of a scaffolding hanger on either side to facilitate window installation.

Using system scaffolding for the hangers mitigated bracing and beam requirements. Without the need for bracing across the working platform, scaffolders had unobstructed access to carry the windows to the point of installation.

Additionally, constructing without beams further simplified the build, resulting in fewer components and around a 50% reduction in labour time.

System support for complex access requirements like this was crucial during the initial stages of the build – our site demonstrators were appointed to ensure assembly was carried out safely and efficiently as per the design.



Contact us by email
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