

# THE BROADWAY, LONDON

## RISER FLOORS



Step on Safety

### Construction Case Study

We were privileged to be contracted by Keltbray to install 350 riser floors at The Broadway, an exclusive new development at St James's Park.



The Broadway is a vibrant new living quarter located in the heart of Westminster. Described as the epitome of British innovative design and contemporary cool, six impressive towers are home to 258 exquisite apartments with five-star facilities. While the outside is steeped in iconic architecture and a revival of Art Deco design, behind the scenes, architects specified the very latest in building techniques and safety protocols, with Step on Safety's **GRP RiserDeck™ System** at the very core of each building.

Providing a modern, high-spec alternative to traditional galvanised steel and ply board service riser duct flooring, RiserDeck™ comprises of GRP Open Mesh Grating supported by composite Channel, Angle and I Beam sections to provide additional panel support. Manufactured from durable fibre-

reinforced polymers and available with either a closed or open mesh surface, both of which facilitate multi-directional spanning, the inherent strength of these panels is provided by alternating, bi-directional layers of glass fibre woven rovings, which distribute the imposed load throughout the panel surface. The glass fibres are impregnated with polyester resin binding agent, which also provides the necessary corrosion resistance. A silicon carbide grit is applied to the top surface to provide an effective anti-slip finish to this GRP Riser Flooring.

The resulting system requires no hot works to cut and fit onsite and is light enough for manual handling – no heavy lifting equipment is needed to manoeuvre into place.

The project took ten months, with timings of each riser critical to ensure the smooth running of the project with no delays to other contractors; this had to be achieved while navigating the COVID-19 restrictions that came into play throughout. Three teams of three installers were onsite for the duration, making it one of our largest projects to date.



### FOR MORE INFORMATION

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