

# CASE STUDY

## CASTLE PARK VIEW

BRISTOL



**SECTOR**  
Residential

**ROOF AREA (M<sup>2</sup>)**  
4,000

**PROJECT VALUE**  
£72 million

**DEVELOPER**  
Bouygues UK

**CLIENT**  
LinkCity / Bouygues UK

**COMPLETION**  
2022

**ARCHITECT**  
Chapman Taylor





We have been working closely with Axter for a number of years across our regions, during which time they have become a vital part of the supply chain, from early stage design and costing to the successful delivery of robust, guaranteed waterproofing systems.

With a vast product portfolio, BYUK are confident that the build requirements and production timescales will always be met. With programme being such a critical element of the build, this reassurance is welcomed by the wider team.”

Joseph Southwick, Package Manager – Envelope BYUK.

## OVERVIEW

- Castle Park View is an exciting and attractive new-build residential scheme which will regenerate a brownfield site owned by Bristol City Council and Homes England in a prime location on the south-eastern corner of Castle Park – delivering some of the best dedicated Built-to-Rent homes in the city centre including communal facilities, amenity space and car parking, together with vehicular access, servicing arrangements, public realm works and landscaping. When completed, this will set the benchmark for high rise development within the Bristol skyline, topping out at 26 storeys.



## THE ROLE OF AXTER

- Axter are responsible for the design and specification of the flat roof waterproofing and bio-diverse living roof elements of this build. Working collaboratively in a tri-partnership with main contractor, Bouygues UK and architectural practice, Chapman Taylor from an early stage, we were able to offer a pro-active approach to ensure the eventual successful delivery of a fully compliant solution, during an ever-changing and challenging time with respect to legislation and build requirements.



## CHALLENGES

- This project presented several challenges from Part B Building Regulations and NHBC compliance due to non-combustibility and fire rating compliance through to the complexities of sequence of works. Being over 18 metres in height with the tallest block extending to 26 stories, a rigorous review of the latest guidelines in relation to fire performance was undertaken, ensuring full compliance was achieved inclusive of surface finishes, such as Dalle Ceramic paving tiles and supports.
- Given the regeneration of the brownfield site, it was critical that none of the wildlife and vegetation previously established was lost. The implementation of Axter's bespoke, bio-diverse brown roof with seeded mix was required to enhance the built environment and provide a habitat for native species of wildlife and flora.



### AXTER LTD

West Road, Ransomes Europark,  
Ipswich, Suffolk IP3 9SX

### AXTER.CO.UK

01473 724056 info@axterltd.co.uk  
Registered in England No. 1446923