



### **What was Mtechs' brief?**

The company identified a need to embrace innovative construction solutions on their major development at Kew Riverside and wished to exploit the latest advances in offsite construction technology, while continuing to endorse the traditional architectural style. Mtech were appointed to develop an innovation strategy for the Kew Riverside scheme and manage the implementation of the chosen off-site construction techniques.



## **THE CLIENT**

The St. James Group has long been the driving force at the forefront of innovation in housing design within the UK. The Company is part of the Berkeley Group, one of the most successful developers within the sector.

### **What did the client want to achieve?**

The company appointed Mtech Consult to support them throughout the technology evaluation and selection process, to ensure that the final solutions were optimised and that innovation was applied in a low-risk manner.

### **What did Mtech actually do? What did we facilitate?**

Mtechs' first step was to carry out a feasibility investigation on the initial scheme design proposals, to establish the most appropriate technology. In parallel, a risk analysis was undertaken to expose all possible risks to the project, whilst identifying individual system risk ratings. We worked with St James Group for the duration of the Kew Riverside development managing the innovation programme and ensuring that the selected systems were used in the correct manner.

### **What benefits did the client receive from the work Mtech carried out?**

This comprehensive risk analysis for each technology option provided St James Group with clear technical priorities and an activity plan was prepared to mitigate or eliminate each risk issue, including; supplier evaluation criteria, supplier selection methods, design interface controls and communication protocols between the design team and the chosen system manufacturers.

### **What was the result of the work Mtech carried out?**

The Kew Riverside development was an exemplar offsite construction project. The range of innovative solutions implemented across the scheme ensures that the St James Group continue to maintain their position as industry innovators. The company is continually developing their offsite construction supply-chain options using the protocols implemented by Mtech.

