

PROJECT PROFILE

King's Cross R7
London



Sector: Commercial

Client: Kier Major Projects

Size: 6,000m²

System: Hot Melt & Landscaped Areas

Project Overview

R7 is an 11-storey-high building constructed in the fast developing area of King's Cross, London. The ground floor area is given over to public space, but elsewhere the building contains a variety of commercial facilities, including a restaurant, a spin-fitness studio, an art gallery and a three-screen cinema. On this new build development MAC Roofing were selected to install a full inverted roof build up incorporating a hot melt waterproofing system.

“Being located in the heart of a busy inner city location, R7 presented a number of logistical challenges for MAC to overcome.”

The Solution



At the outset of this project, MAC Roofing felt that the originally specified material would not provide the necessary performance or guarantee that the projects required. MAC therefore put forward the Icopal Parabit Solo material because of its faster installation times and our long experience in using this material, both of which would ultimately contribute towards an improved project programme for the client.

The R7 development actually comprises two buildings that have been created in a stepped shape and includes multiple roof and terrace areas. In these locations, Icopal's Parabit Solo hot melt waterproofing system was installed, incorporating XPS insulation. Paving slabs and attractive landscaped areas were then installed by MAC Roofing, creating accessible outdoor spaces with spectacular views out of the City.



Being located in the heart of a busy inner city location, R7 presented a number of restrictions in terms of when products could be delivered to site and subsequently lifted onto the roof. This, combined with the general London traffic created significant logistical challenges which could only be overcome by careful planning and project management from the MAC Roofing Team. MAC Roofing's Design & Delivery Teams also worked extremely hard to deliver a full BIM package onto this multi-use development. This was a key requirement of the client and made the sequencing and interfacing with other trades more efficient and effective. The building was also constructed with the environment in mind, achieving a BREEAM sustainability rating of Outstanding.



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