

CASE STUDY



CAMBERWELL ROAD

LOCATION: CAMBERWELL, LONDON

ROOFING CONTRACTOR:
DCS ROOFING LTD

COMPLETION DATE: 2020

SYSTEM: PARALON EXTENSIVE GREEN WARM ROOF SYSTEM

SECTOR: RESIDENTIAL, NEW BUILD

ROOF AREA: 2,500M²





CAMBERWELL ROAD

BACKGROUND:

The Camberwell Road project is an ambitious mixed-use development designed to provide a blend of residential and commercial spaces. The development includes 121 residential units for private sale, 25 units for shared ownership, and 18 units for affordable rent, alongside 17 commercial units available for private lease. Additionally, the Gatekeepers Building within this project offers 33 apartments designated for shared ownership and social rent.

CHALLENGES:

The project presented several challenges, including the need for a high-quality roofing system that could meet the diverse needs of both residential and commercial units. The roof had to provide excellent thermal performance, durability, and sustainability features to support the long-term goals of the development. Furthermore, the installation needed to be executed by experienced contractors to ensure compliance with stringent building regulations and to achieve the aesthetic and functional goals of the development.

SOLUTION:

To address these challenges, the BBA certified Paralon Total Warm Roof System was specified. This comprehensive roofing solution, combined with Moy Materials Sedum Green Roof and associated accessories, provided the ideal balance of performance and sustainability. The system incorporated tapered PIR insulation to enhance thermal efficiency.

The installation was expertly carried out by DCS Roofing Ltd, an approved contractor known for its precision and expertise. Their skilful execution ensured that the roofing system not only met but exceeded the project's specifications.

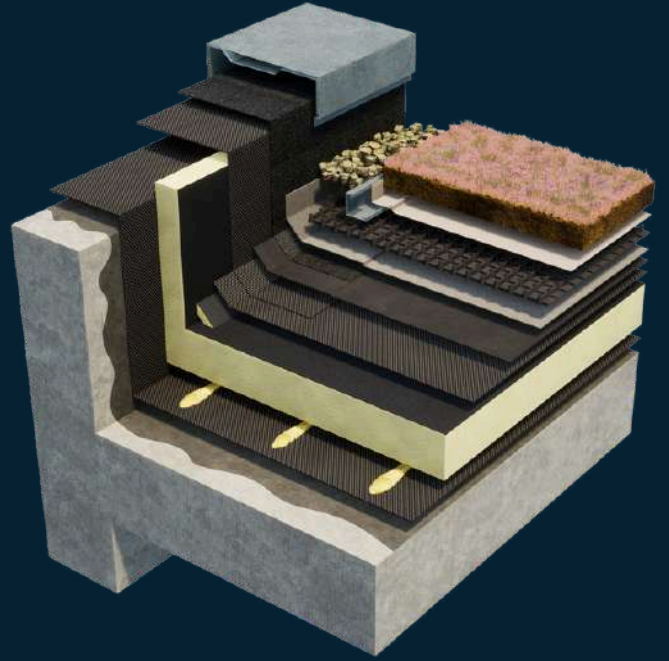
The quality of the Camberwell Road development was recognized as it became a finalist in the LABC Building Excellence Awards 2020 for Best Social and Affordable New Housing Development, highlighting the success of the solutions implemented and the high standards maintained throughout the project.



SYSTEM USED

MOY WARRANTY: 20 YEARS

- **Primer:** Impertene Primer
- **Insulation:** Paratherm T
- **Waterproofing System:** Paralon Extensive Green Warm Roof System



BENEFITS:

- Lightweight system, lower levels of growing medium required (typically 80mm)
- Low maintenance & seldom require water once fully established
- Increased lifespan of waterproofing membranes
- Rainwater attenuation - Flood Control
- Acoustic (both ways) and thermal benefits, along with reduction of heating & cooling costs
- Enhanced visual amenity of the building
- Reduces the Urban Heat Island effect & Carbon Footprint
- Improves urban air quality
- Provides habitat for insects, birds and pollinator friendly
- Potential contribution towards BREEAM & LEED Assessments
- The Paralon Total Green roof system is BBA certified as an assembly (achieved in conjunction with our Green Roof partners), giving you peace of mind that you are choosing a green roof that will stand the test of time.
- Can be installed over majority of the Moy Waterproofing Systems, from Paralon Reinforced Bitumen membrane, FiberTite® Single Ply, Enkopur Liquid Waterproofing and Paro-Melt® Hot Melt.

