

CASE STUDY



# BRIGHTLINGSEA

**LOCATION:** COLCHESTER, ESSEX

**ROOFING CONTRACTOR:**  
DCS ROOFING LTD

**COMPLETION DATE:** 2020

**SYSTEM:** PARALON TOTAL WARM ROOF SYSTEM

**SECTOR:** RESIDENTIAL, NEW BUILD

**ROOF AREA:** 1,800M<sup>2</sup>



# BRIGHTLINGSEA

## BACKGROUND:

Harbourside at Waterside Marina is an elegant new development consisting of 53 luxury apartments, offering one-, two, and three-bedroom options, alongside 5 spacious houses. Nestled in the heart of the marina at Brightlingsea, these exquisite apartments are arranged around a meticulously landscaped courtyard, providing residents with a serene and picturesque environment.

## CHALLENGES:

The project faced several challenges, primarily related to the installation of a high-quality waterproofing system under the hard landscaping of the podium courtyard. Key challenges included ensuring the system could support the surrounding tenant activities, addressing the limited storage space for materials on-site, and meeting the specific loading requirements for the courtyard area. Additionally, it was crucial to develop a specification that aligned with the project's schedule while maintaining the aesthetic and functional integrity of the courtyard.

## SOLUTION:

To overcome these challenges, the Moy BBA certified Paralon modified-bitumen waterproofing system was specified. This solution was ideal for the hard landscaping application, providing robust and reliable waterproofing to the podium courtyard, ensuring it remained fully accessible and visually appealing for tenants.

Moy worked closely with the project management team to develop a tailored specification for this podium project. This collaboration addressed the programme's demands, the restricted site storage, and the necessary loading requirements. The attention to detail throughout the project was outstanding, ensuring every aspect was meticulously planned and executed.

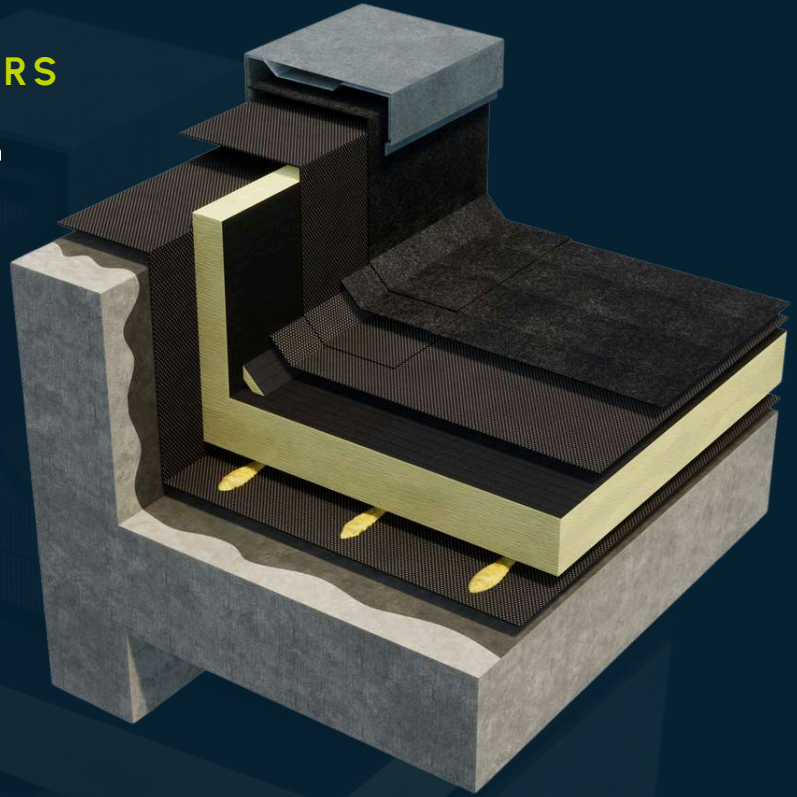
The installation was expertly carried out by DCS Roofing Ltd, an approved contractor renowned for its precision and expertise. Their skilful installation ensured that the waterproofing system not only met but exceeded the project's stringent specifications and quality standards.



# SYSTEM USED

## MOY WARRANTY: 20 YEARS

- **Primer:** Impertene Primer
- **Waterproofing System:** Paralon Total Warm Roofs System



## BENEFITS:

- Typically applied in multiple layers to ensure an extremely resilient, durable and long-lasting solution.
- UV-resistant surface treatments available to protect against sun damage.
- APP membrane retains flexibility in a higher range of temperatures, reducing the risk of cracks.
- Options to provide a high Solar Reflective Index Rating (SRI) contributing towards BREEAM & LEED assessments.
- Available with extended system warranties covering elements such as design guidance, material performance and workmanship
- Various TS 1187 BROOF Regional Fire Certification suitable for Ireland, UK and Europe.
- British Board of Agrément (BBA) certified, Irish Agrément (NSAI) certified, Durability in excess of 40 years

