

CASE STUDY



SCIENCE. SERVICE. SAFETY.

PROJECT:

Chapel Wharf

LOCATION:

Manchester, United Kingdom

INSTALLATION TYPE:

New Construction

SCOPE OF PROJECT:

Apartments: 955
Buildings: Four
Stories: Up to 22

CONTRACTOR:

UK Sprinklers

BENEFITS:

Quick, Clean Installation
Supports Tight
Construction Schedules

BlazeMaster® CPVC Adds Safety and Value to Manchester's Chapel Wharf

As the focus on fire safety—particularly in medium to high rise residential accommodation—continues to increase, the inclusion of fire sprinklers in new construction meets that need, but also adds to curb appeal in the eyes of prospective owners/tenants.

Property developers of new build residential construction such as Manchester's Chapel Wharf are requesting the most innovative, cost effective and lightweight fire protection systems in line with legislative requirements. This type of fire sprinkler installation is something in which UK Sprinklers excel.

Chapel Wharf is a new build construction project in a prime central Manchester location adjacent to the five-star Lowry Hotel. It comprises 955 apartments, arranged over four blocks of up to 22 stories in height. The development is within walking distance of the Spinningfields business district and main retail centre. The developer Dandara acquired the 4.2-acre site between the River Irwell and Chapel Street in Salford, Manchester and enlisted the help of main contractor Sir Robert McAlpine to enable them to realize their vision. Elements of an 'offsite' design and build solution were used in the construction of the four high rise apartment blocks that comprise the development, which range from 13 to 22 stories in height. Four pre-cast concrete structures, costing approximately £24 million were erected on site over a 22-month period.

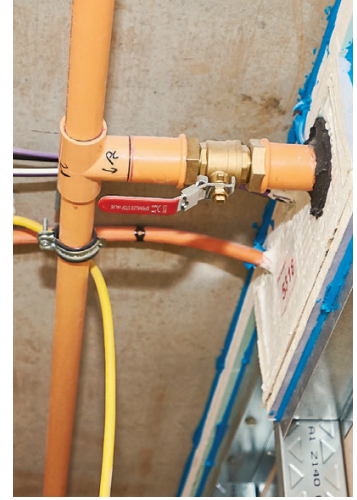
The BlazeMaster® CPVC Difference for New Construction

Post-Grenfell Tower Disaster fire protection and the safety of occupiers and tenants is at the forefront of stakeholder thoughts. Sir Robert McAlpine specified a CPVC fire protection system to be utilized on the project. After tendering the

UK Sprinklers uses BlazeMaster CPVC for all fire sprinkler system installations within residential properties due to the clean and quick installation method adopted

Steve Griffiths,
Managing Director,
UK Sprinklers





fire protection package installer UK Sprinklers was chosen to complete the fire sprinkler installation works, and their immediate choice was to use a reliable BlazeMaster Fire Protection System.

UK Sprinklers brought a vast knowledge and experience of fire protection systems to the project, having started the business based on the supply of dry risers. Approximately seven years ago, UK Sprinklers started to use BlazeMaster fire sprinkler systems on both new build and refurbishment projects.

UK Sprinklers are a Rapid Response partner for Johnson Controls, their preferred BlazeMaster CPVC supplier, to provide them with the required BlazeMaster pipe and fittings. Presented with a reasonably tight timeline, UK Sprinklers knew that the lightweight nature and quick, clean installation possible with a BlazeMaster Fire Protection System would enable them to complete the project in approximately three to four months.

Sir Robert McAlpine knew they could trust the expertise of BlazeMaster CPVC, Johnson Controls and UK Sprinklers to meet latest regulations.

Upon being awarded the project, the team immediately got to work. Johnson Controls ensured tight delivery schedules of BlazeMaster pipe and fittings were met and provided onsite support when required to ensure a smooth installation.

Happy Construction Partners Result in Happy Clients

Fire protection system timescales and schedules were met as all aspects of the project came together securely, resulting in a satisfied customer. The smooth fire protection installation program enabled the project to stay on schedule limiting inconvenience to everybody on site.

“UK Sprinklers uses BlazeMaster CPVC for all fire sprinkler system installations within residential properties because of its clean and quick installation,” said Steve Griffiths, Managing Director, UK Sprinklers. “Typically, only hand tools are required, along with battery drills for the fixings. In most cases, on high-rise residential builds like the Chapel Wharf project, fitting steel pipework within the voids would not be feasible. We don’t need any messy threading machines, which means the work areas are kept clean and tidy, with no problems from threading oil staining the floors. It also means we can keep ahead of the tight programs we have to work within on this type of construction project.”



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