

CASE STUDY

BlazeMaster® FIRE PROTECTION SYSTEMS

ABERCANAID, WALES

TYPE OF CONSTRUCTION:

Apartments and
Semi-detached houses

INSTALLATION TYPE:

New

SCOPE OF PROJECTS:

32 units

FIRE SPRINKLER CONTRACTOR:

Residential Sprinkler
Protection

BLAZEMASTER® FIRE SPRINKLER SYSTEMS SUCCESSFULLY INSTALLED IN RESIDENTIAL SETTINGS

In 2014, Wales became the first country in Europe to require automatic fire sprinkler systems in new and converted residential properties. The mandate resulted from concern over the loss of life due to property fires. BlazeMaster® Fire Protection Systems is proud to work in collaboration with contractors as they install these life-saving sprinklers in residential settings.

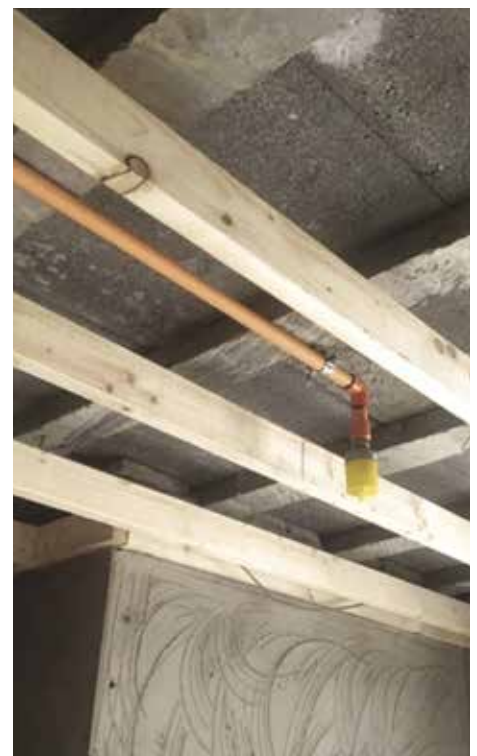
The mixed development of seven new semi-detached houses and two three-story blocks of flats tested how well fire sprinklers could be incorporated into the design and construction of housing in a country where residential sprinklers are relatively uncommon. Making the tests a key point of interest for both the government and members of various industries, as the results would answer many questions and concerns regarding the product need, compatibility and cost-effectiveness.

The Result

“It’s been a good experience and now we can apply it going forward,” said Tom James, General Contractor for Greenwich Communities, Ltd.



New plans for a housing development in Abercanaid, South Wales, brought twelve pilot projects that focused on testing the requirements necessary to install fire sprinkler systems in residential environments. These requirements were made effective on January 1, 2016.



“I’ve worked with BlazeMaster for years and there is no other material I would have used on this project.”

—John Newman,
Owner,
Residential
Sprinkler
Protection (RSP)

Greenwich Communities hired Residential Sprinkler Protection (RSP) in nearby Caerphilly, one of the largest residential sprinkler contractors in Wales to handle the work. RSP worked closely with Greenwich Communities and the developer, Wales & West Housing Association to design the appropriate systems and answer their questions about fire sprinklers.

With the project under much surveillance, RSP owner, John Newman said he chose BlazeMaster® Fire Protection Systems for their years of proven reliability and performance.

“I’ve worked with BlazeMaster for years and there is no other material I would have used on this project,” Newman said. “We knew we would have to be fast and flexible. Blazemaster lets us do just that.”

BlazeMaster’s easy installation made it simple to accommodate other building systems and features, he said. “It’s very easy for us to route around (other work) and with steel pipe that’s a nightmare.”

“There is a learning curve (for other trades),” said Greenwich’s James. “But everyone picked up on it quickly and there weren’t any problems.”

RSP used a two-man crew for the entire job, Newman said. “It’s not labor-intensive at all. The pipe is light to carry and easy to cut. I’ve worked with steel before and there is a big difference.”



James confirmed this: “We’ve had no problems and they’ve been in and out very quickly.”

Construction on the site of a former church began in November 2015 and finished on July 28, 2016, despite the addition of a second block of flats.

Based on its experience in Abercanaid, Greenwich Communities expects to use BlazeMaster on future projects, James said, adding, “We’re only doing this on a small scale, but we’ll be taking it to a large scale as well.”

To speak with a piping systems consultant, call: **00 44 (0)1332 842211** or email **blazemaster.emena@lubrizol.com**.

BlazeMaster®

FIRE PROTECTION SYSTEMS

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17-94042
Rev October 2017 - EU