BlazeMaster®
FIRE SPRINKLER SYSTEMS

CASE STUDY

SCHOOL BUILDING NEW CONSTRUCTION AND RETROFIT

PARK COMMUNITY SCHOOL (U.K.)

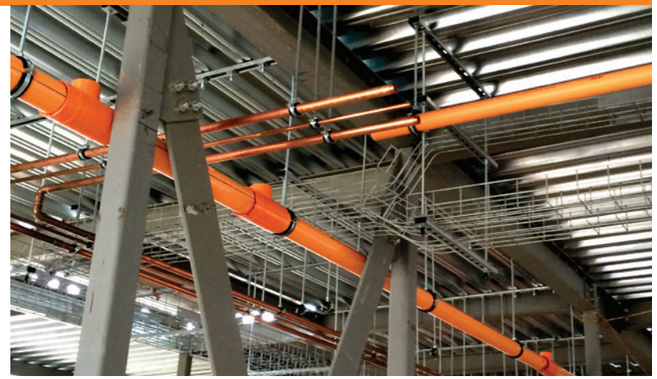
Architect — Hampshire County Council
Main Contractor — Osbourne Construction Ltd.
Sprinkler Contractor — Domestic Sprinklers Ltd.

HAMPSHIRE COUNTY COUNCIL (U.K.) CHOOSES BLAZEMASTER® FIRE SPRINKLER SYSTEMS FOR MAJOR SCHOOL PROJECT

The County of Hampshire wanted to include a fire sprinkler system in the rebuilt and enlarged Park Community School, but needed the right material for the job. It chose BlazeMaster Pipe & Fittings because it:

- Meets applicable building codes
- Is more affordable than steel
- Is easy to work with
- Is less disruptive to install

“I WOULD 100% RECOMMEND BLAZEMASTER® FIRE SPRINKLER SYSTEMS TO OTHER CONTRACTORS FOR SCHOOL PROJECTS LIKE THIS.” –Colin Taylor, Domestic Sprinklers Ltd.



CONTRACTOR FINDS BLAZEMASTER FIRE SPRINKLER SYSTEMS THE BEST MATERIAL FOR NEW SCHOOL

When the decision was made to rebuild and expand a large school in the county of Hampshire, U.K., school and fire safety officials wanted the new buildings to have the best possible fire sprinkler systems.

And because much of the work on the £18 million project would be done while Park Community School in Havant was in session, builders also needed a material that was affordable, flexible enough to accommodate design changes and relatively quiet and easy to install. BlazeMaster pipe and fittings were chosen for those reasons, said Colin Taylor, head of the Oxfordshire office for Domestic Sprinklers, which has operations throughout England.

“We believe it’s the easiest medium to work with and it allows a flexibility to the design,” he said.

Because the Hampshire County Council is self-insured, it had the option of choosing high-performing BlazeMaster Pipe & Fittings over the more expensive and difficult-to-work-with steel.

Work on the large project began in late 2014 and was completed in summer 2015. Using BlazeMaster Fire Sprinkler Systems made it easier to meet project deadlines and remain on budget, Taylor said.

“The amount of changes that were forced upon us during the installation would have resulted in very high additional costs if BlazeMaster Piping Systems hadn’t been used,” he said.

The job, which included several multiple-story buildings, required 913 sprinkler heads. Using BlazeMaster Pipe & Fittings on such a broad work site saves time and labor.

“The nice thing about BlazeMaster Pipe & Fittings is that installing it is a one-man job, meaning that all the engineers on site could get on with their own areas because it’s lighter than steel,” Taylor said.

Much of the work was done while school was in session, so contractors had to minimize disruptions.

“We used all hand tools and we didn’t need any noisy threading machines. It also meant we could start and stop work in certain areas more easily than if we had been using steel,” Taylor said.

The system has received FIRAS Installer Certification from Warrington Certification and the design has been well received by the National Fire Sprinkler Network and British Automatic Fire Sprinkler Association.

funding to address this with costly steel fire sprinkler systems. Hampshire and other self-insured counties are turning to BlazeMaster Piping Systems to provide fire safety without depleting their budgets.

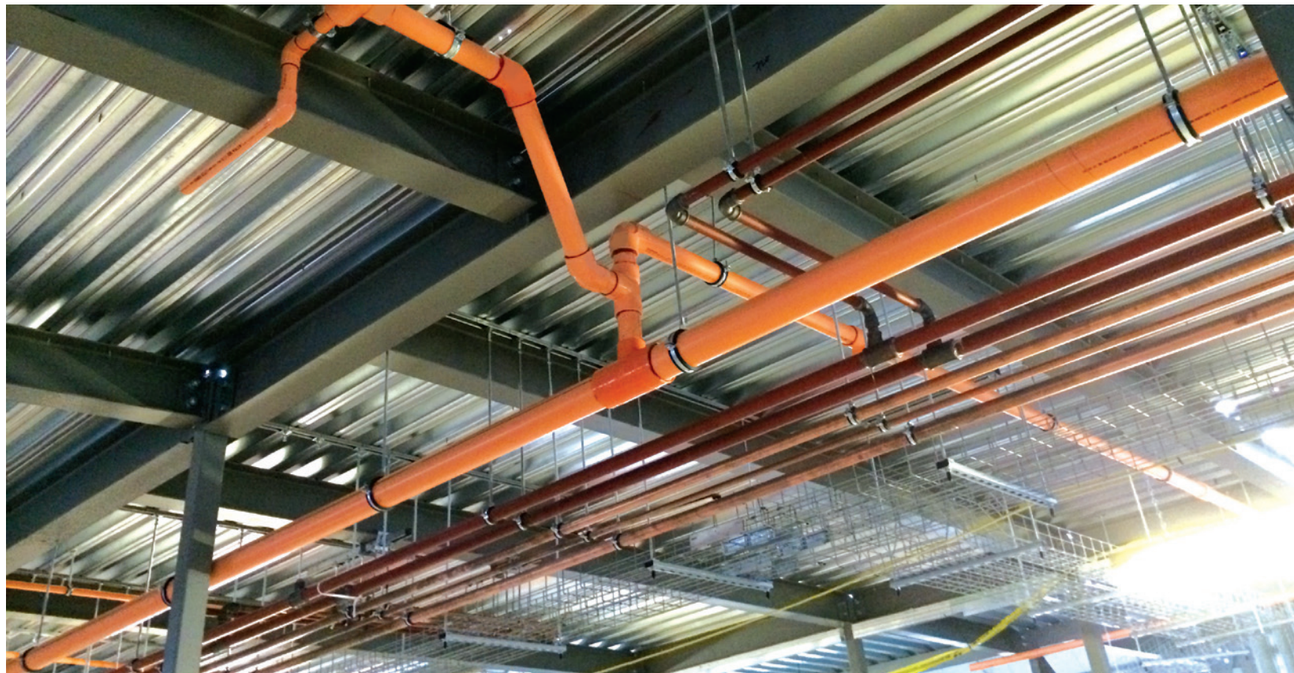
Our diverse line of products, combined with decades of experience and expertise, can help you develop a cost-effective, high-performance alternative to steel piping.

Summary

Less than half of the required academic buildings in the U.K. have fire sprinkler systems installed and remain noncompliant with national guidance. Unfortunately, many counties have limited public

LEARN MORE ABOUT BLAZEMASTER SPRINKLER SYSTEMS:

Call +32 2-678-1911
or email blazemaster.emena@lubrizol.com



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