



Case Study

BlazeMaster® Fire Sprinkler System provides affordable way to safeguard residential properties.

Type of Construction:
Residential

Installation Type:
New

Location:
Livermore, California

Scope of Project:
Heads: 25/home
Sq. Feet: 1,800 – 3,000/home
Stories: 1 – 2/home

Fire Sprinkler Contractor:
Advanced Automatic Sprinkler, Inc.



Advanced Automatic Sprinkler, Inc. of Hayward, Calif., helped a developer find an economical solution to fire protection in a new residential development. The Amber Ridge development by Pulte Homes in Livermore, Calif., consists of 150 one- and two-story homes in phase one, constructed with both wood and metal steel framing and wood joist roof. On average, there are 25 residential style sprinkler heads in each home.

Fred J. Benn III, founder and president of Advanced Automatic Sprinkler has been the leading installer of residential fire sprinkler systems in northern California since 1985. In 1986, the city of Livermore required all new residential construction to be sprinklered. The challenge for Advanced Automatic Sprinkler is to design and install affordable and reliable residential fire sprinklers for the homeowners that meet all state and local codes.

“Advanced Automatic Sprinkler has used BlazeMaster® pipe and fittings as the material of choice in sprinklering approximately 7,000 residential apartment units in the city of Livermore alone,” said Benn.

One of the biggest advantages of BlazeMaster® Fire Sprinkler Systems is the ease and speed of installation.

“Because CPVC pipe is so lightweight and flexible, our installers are able to install the system more quickly compared to other materials,” explained Benn. “This enables us to stay ahead of the developer’s schedule, which translates into cost savings for the developer and us.”

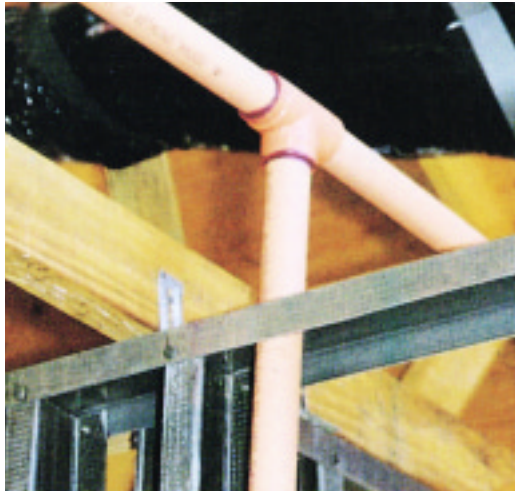
Another benefit of BlazeMaster® CPVC pipe is its outstanding corrosion resistance compared to metallic piping systems. The Courts of California have determined that for up to 10 years developers and contractors can be sued for defective materials.

“With the BlazeMaster® licensees’ product warranty and the product’s outstanding corrosion resistance, I feel much more comfortable installing BlazeMaster® CPVC Fire Sprinkler Systems compared to metallic piping systems,” Benn said.

A BlazeMaster® consultant to the fire protection industry trained most of the Advanced Automatic Sprinkler installers on proper installation techniques. With BlazeMaster® pipe and fittings, there is no expensive prefabrication and special tools, cutters or torches are not required.



The new one step low VOC cement eliminates the need for a primer and allows for faster cure times when making up solvent cement joints. All of these features allow a simpler installation resulting in lower overall cost of the fire sprinkler system.



**Now listed
for more types
of applications
than any other
non-metallic
system.**

“There is no reason to leave any home unprotected from fire,” said Benn. “BlazeMaster® Fire Sprinkler Systems are proven to be effective in preventing fire tragedies, and just as important, a BlazeMaster® CPVC system makes fire protection affordable for virtually every new home. I have a BlazeMaster® system in my own home.”

Since fire sprinkler system installers spend at least 25 percent of their time working with fire authorities and government agencies promoting fire sprinklers, they are well educated about the benefits of BlazeMaster® Fire Sprinkler System technology.

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