



# Case Study

*BlazeMaster® Fire Sprinkler System eases into beachfront resort.*

**Type of Construction:**  
Hotel/Motel

**Installation Type:**  
New

**Location:**  
Ft. Lauderdale,  
Florida

**Scope of Project:**  
Heads: ≈7,000  
Sq. Feet: ≈800,000  
Stories: 27

**Fire Sprinkler Contractor:**  
Advanced Systems, Inc.



The Beach Place Resort in Ft. Lauderdale, Fla., is a prime 27-story high rise time-share building located on the ocean. The fire resistive steel and concrete building includes six levels of parking, three levels of retail stores and 18 floors of residential dwelling units.

Advanced Systems, Inc., the contractor selected for this project, has been in the fire sprinkler business for 30 years in south Florida and has installed fire sprinkler systems in a number of high profile projects such as the Beach Place Resort.

The initial specifications for this project called for steel pipe, but the specification was changed to BlazeMaster® pipe and fittings due to a number of factors involved in the design of the project. Cost overruns, time constraints and other tight fitting engineering problems were major concerns.

According to Dave Wallace, president of Advanced Systems, "The time constraint on this project was to install and complete one floor per week. This would be virtually impossible using steel pipe without extra crews on the job. The number of heads installed was approximately 7,000."

## Installation with Ease

With BlazeMaster® pipe and fittings, any needed adjustments could be made on the job site without difficulty or reengineering because BlazeMaster® pipe is so easy to fabricate in the field with simple tools.

"The fitters on the job were all quite pleased with the ease and speed of installation and how easy it was to make changes with BlazeMaster® CPVC pipe as compared to steel pipe," said Leon Benlolo, the BlazeMaster® consultant to the fire protection industry in Florida. Benlolo trained the Advanced Systems, Inc. fitters to install the BlazeMaster® Fire Sprinkler System.

"While my material cost was slightly higher than steel, my labor costs were greatly reduced," stated Wallace.

Another important consideration in choosing BlazeMaster® pipe and fittings for this project was the rust factor.

"BlazeMaster® CPVC pipe has outstanding corrosion resistance compared to metallic systems," said Wallace. "And since this is an ocean front property, we were able to provide the building owner with a long lasting system."



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system.**



The Beach Palace Resort was the first high rise building in which Advanced Systems, Inc. installed a BlazeMaster® Fire Sprinkler System.

"I am very pleased with the results," Wallace said. "By choosing BlazeMaster® pipe and fittings, I was able to meet the time schedule, reduce labor and

engineering costs, offer a long lasting product, and make a decent profit for a change. I have two more new 30-story buildings to sprinker, and I am going to install BlazeMaster® pipe and fittings."

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