

## Case Study: BlazeMaster® CPVC... The Best Choice for New High Rise Construction

*The Beach Place Resort in Ft. Lauderdale, Florida is a 27 story high rise rime sharing building located on the ocean. The building is of fire resistive steel and concrete construction consisting of 6 levels of parking, 3 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 the south Florida area and has installed fire sprinkler systems in a number of high profile projects such as the Beach Place Resort in the area during these years. The initial specifications for this project called for steel pipe, however the specification was changed to BlazeMaster® pipe and fittings due to a number of factors involved in the design of the project. Concern about cost overruns, time constraints and other tight fitting engineering problems, were the major reasons. 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."



"With the BlazeMaster® pipe and fittings I was able to make any needed adjustments on the job site without difficulty or reengineering because BlazeMaster® pipe is so easy to fabricate in the field with simple tools," Wallace added.

According to Leon Benlolo, Noveon's consultant to the fire protection industry in Florida, who trained Advanced's fitters on how to install a BlazeMaster® fire sprinkler system, "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." Wallace added, "while my material cost was slightly higher than steel my labor costs were greatly reduced."

Another important consideration is choosing BlazeMaster® pipe and fittings for their project is the rust factor. Wallace explained that "BlazeMaster® CPVC pipe has outstanding corrosion resistance compared to metallic systems and since this is an ocean front property we were able to provide the building owner with a long lasting system."

"This is the first high rise building in which I have installed a BlazeMaster® fire sprinkler system and 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 sprinkle and I am going to install BlazeMaster® pipe and fittings."