

HIGH PROFILESTM

Project Highlights From Around The World

Number 5

Just because you're building a casino doesn't mean you have to take a chance.



**The Aladdin Casino Resort
Las Vegas, Nevada**



CAFCO[®] 300 takes the risk out of high-rise application of Spray-Applied Fire Resistive Materials (SFRMs). The 40-story hotel of the new Aladdin Casino Resort in Las Vegas, Nevada is an innovative structure utilizing a staggered steel truss support system and precast concrete floors. CAFCO 300 required the least thickness of all the SFRMs specified to attain the required fire rating. The need for fewer bags of fireproofing wasn't the only advantage offered by using CAFCO 300. The contractor, Smith and Green, was able to complete the project on time and under budget.

CAFCO 300 ES Extended SetTM



Typical wet spray (gypsum plaster) SFRMs are mixed with water to form a slurry which is conveyed through hoses and dispersed with air at the nozzle. At the end of the day, the material hoses are purged with water to remove any residual plaster so that it doesn't set up in the hose overnight. This time consuming procedure can reduce production time 10 -15 % per day.

The Solution: CAFCO 300 ES Extended Set. With CAFCO 300 ES a contractor is able to leave the material in the hoses overnight or even over the week-

end without the material setting up. CAFCO 300 ES is mixed at the end of the workday and pumped through the hose until it exits the nozzle. The pump is then shut down. The next day the 300 ES is pumped through, followed by standard CAFCO 300. The use of CAFCO QWIK-SETTM is required to properly set the 300 ES and may be used as an option with standard CAFCO 300 to accelerate the set time. This enables subsequent coats to be quickly applied to the required thickness. This innovative approach helps keep a project on schedule and budget.

As the World Leader in Passive Fire Protection We Offer

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|  | <p>Wet Mix SFRM</p> |
| | <p>CAFCO[®] 300 17.5 pcf (280 kg/m³) CAFCO 400 25 pcf (400 kg/m³) CAFCO 800 40 pcf (640 kg/m³) Fendolite[®] M-II 44 pcf (704 kg/m³)</p> |
|  | <p>Dry Mix SFRM</p> |
| | <p>BLAZE -SHIELD[®] II 16.5pcf (264 kg/m³) (Also Available in Charcoal) BLAZE-SHIELD HP 25pcf (400 kg/m³) (Also Available in Off-White)</p> |
|  | <p>Thin Film Intumescent Coatings</p> |
| | <p>CAFCO[®] SprayFilm[™] WB-II, WB-III</p> |
|  | <p>Rigid Board Fire Protection</p> |
| | <p>CAFCO-BOARD[™]</p> |
|  | <p>Firestopping</p> |
| | <p>CAFCO Through Penetration Systems[™] (TPS)</p> |

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Total Passive Fire Protection