

# HIGH PROFILES<sup>TM</sup>

Project Highlights From Around The World

Number 6

## MIDWAY AIRPORT TERMINAL EXPANSION CHICAGO, ILLINOIS



The Midway Airport Terminal Expansion turned out to be quite a challenge for the architectural firm of A. Epstein & Sons International. They needed to specify Spray-Applied Fire Resistive Materials (SFRMs) that could meet the hourly fire rating requirements and provide a durable, aesthetically pleasing finish for structural elements exposed to public view.

Isolatek International offered a cost-effective solution that combined a matrix of different density SFRMs. "We specified and approved submittals on the CAFCO<sup>®</sup> 300/400/800 low, medium and high density SFRMs because these materials met the physical properties required for the project." said Hank Kurzynski, Project Architect.

High density portland cement based White CAFCO 800 would be utilized on the columns up to the elevation directly exposed to baggage handling traffic. This SFRM was spray-applied for maximum efficiency, then troweled smooth for an aesthetically pleasing finish.

Medium density cement based White Cafco 400 was the proposed SFRM for the structural

elements above the elevation of the anticipated baggage handling traffic. However, the SFRM would still be subjected to periodic physical abuse. CAFCO 400 combines the best fire resistive performance per unit thickness of all medium density SFRMs in addition to exceptional in-place physical performance characteristics.

For those reasons, CAFCO 400 remained the choice for areas exhibiting lower levels of physical abuse.

The structural beams supporting the floor assembly used commercial density, gypsum plaster based CAFCO 300. Its exceptional fire resistive performance per unit thickness resulted in CAFCO 300 being the most cost-effective solution for the protection of the floor assembly.



**Isolatek International is the only company that offers a complete line of total passive fire protection materials. The Chicago Midway Terminal Expansion is yet another example of CAFCO products providing solutions to satisfy specific architectural designs.**

## **As the World Leader in Passive Fire Protection We Offer**

	<b>Wet Mix SFRM</b> CAFCO® 300 CAFCO 400 CAFCO 800 Fendolite® M-II
	<b>Dry Mix SFRM</b> BLAZE -SHIELD® II (Also Available in Charcoal) BLAZE-SHIELD HP (Also Available in Off-White)
	<b>Thin Film Intumescent Coatings</b> CAFCO® SprayFilm™ WB - 2, WB - 3
	<b>Rigid Board Fire Protection</b> CAFCO-BOARD™

**In the United States:** Isolatek International, Stanhope, New Jersey Tel: 800.631.9600 Fax: 973.347.9170

**In Mexico & Central America:** Cafco Mexico S.A. de C.V., Mexico D.F. Tel: 525.254.6683 Fax: 525.531.7826

**In Andean Countries:** Cafco Andina S.A., Santiago, Chile Tel: 562.378.5120 Fax: 562.378.5121

**In Canada:** Cafco Industries, Etobicoke (Ontario) Tel: 416.679.2830 Fax: 416.679.2933

**ISOLATEK**  
INTERNATIONAL

Visit our website at [www.cafco.com](http://www.cafco.com)  
or e-mail us at [cafco@isolatek.com](mailto:cafco@isolatek.com)

