

CAFCO-BOARD[®] Rigid Board Fireproofing A Time-Saving Solution To An Untimely Problem

Seminole Electric Cooperative, Inc. in Tampa, Florida is the headquarters of one of the largest generation and transmission cooperatives in the United States.

A budgeted and planned re-roof was going according to schedule when shortly upon completion, there was an unexpected issue. It quickly became apparent the existing roof deck fireproofing (which had been installed with the original building construction in the 1980's) had been compromised during the re-roofing operation and was delaminating from the underside of the roof deck.

This presented the owner with a situation that needed to be dealt with quickly, efficiently, and in the most cost effective manner possible. The amount of roof deck which required new retrofit fireproofing was in excess of 68,000 sq. ft. with a project time to repair of 90 days.

The ability to remain fully operational while a new fireproofing material was installed was paramount in continuing to provide first class service to Seminole Electric's ten member cooperative customers. As the affected area was above occupied office space and in close proximity to the cafeteria it was very important the area remain clean and safe during the fireproofing remediation process.



CAFCO-BOARD[®] fastens quickly and easily to the underside of roof deck assemblies.

Architectural Coatings, Inc. of St. Petersburg, Florida, a recognized Isolatek installer since 1987, was selected by Seminole Electric to complete this challenging project. It was immediately realized that the requirements of this project were perfectly suited for Isolatek International's rigid board fireproofing material, CAFCO-BOARD.

CAFCO-BOARD is a UL classified product providing up to 4 hours of fire protection and is available both faced and unfaced in pre-sized thicknesses ranging from 1" - 4 1/2". It is mechanically fastened to the substrate providing a secure bond that is resistant to deflection and impact forces. Since its installation does not require water or spray application, the job site does not require large pumps, material hoses, or extensive cleanup due to extraneous debris and equipment. In addition to fire resistive ratings, CAFCO-BOARD also offers a R-value of 4.2 per inch, and a NRC value of 1.0 per two inches. These insulative and sound attenuation properties of CAFCO-BOARD can also contribute to achieving additional LEED points.

In order to satisfy the needs of Seminole Electric's operational facility, Architectural Coatings, Inc. worked only after hours. Each night the shift commenced with scaffold erection and ended the next morning with the disassembly of the scaffold, prior to the arrival of the office staff each day. This reduced the amount of potential office collateral damage (computers, furniture, carpet, etc) to zero and also kept the workspace clean for office staff. There was no impact to Seminole Electric's daily operations. The use of CAFCO-BOARD allowed this project to finish well in advance of the target completion date as well as mitigate the cost of this unexpected remedial work.

WHY CHOOSE ISOLATEK INTERNATIONAL?

Industry Experience

Isolatek International has over 135 years experience in manufacturing thermal and fire protection materials. We understand the needs of our customers and offer product solutions specifically designed to address their most demanding requirements.

Product Development, Performance, and Commitment to Quality

As the global leader in advancing passive fireproofing technology, we are continuously developing new products that provide superior thermal performance, unequalled durability and ease of installation. Our products are rigorously tested and certified by global authorities throughout the world. We go above and beyond the required industry testing to ensure each of our products exhibits superior thermal performance and exceptional physical properties as set forth in our quality assurance program. Hundreds of millions of bags and pails of Isolatek International products have been installed across the globe over the last half century, with each generation of product better than the previous. Our strict standards for product installation are also enforced on a routine basis with our skilled specialty contractors.

Global Support

Our uncompromising commitment to our customers is also evident in our strategically located multiple manufacturing and distribution facilities throughout the world. Customers have quick access to Isolatek International's full range of products where and when they need them with quick turnarounds and reduced logistical expenses. Our extensive network of experienced technical sales and field support staff is readily available to assist in the most complex of projects.

ISOLATEK INTERNATIONAL Technical and Sales Representatives are always available to lend assistance.
For the name of the Sales Representative in your area, please contact us.

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Brand

ISOLATEK INTERNATIONAL® provides passive fireproofing materials under the CAFCO® trademark throughout the Americas and other markets and under the ISOLATEK® trademark throughout the world.

WE SAVE LIVES®

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