

## CAFCO-BOARD<sup>®</sup> Rigid Board Fireproofing The Solution For Cold Weather Applications

When winter approaches and temperatures begin to drop, sequencing challenges associated with the application of Spray-Applied Fireproofing need to be addressed.

Protecting structural steel in your building during construction in the cold weather months can present a number of challenges that can be avoided with the use of Isolatek International's CAFCO-BOARD.

**CAFCO-BOARD** is an inorganic rigid mineral wool board that provides up to 4 hours fire protection for columns, up to 3 hours protection for beams and floor/ceiling assemblies, and up to 2 hours protection for roof assemblies. CAFCO-BOARD allows for the installation of passive fire protection without interruption to the construction schedule. Fastened directly to steel surfaces by screws and washers, impaling wire clips, or weld pins, CAFCO-BOARD can be easily installed regardless of temperature, substrate condition, or stage of construction.



**Challenge:** Freezing temperatures compromise job sequencing.

**Solution:** CAFCO-BOARD solves this problem by being approved for use in conjunction with CAFCO<sup>®</sup> Spray-Applied Fireproofing products, known as a composite system. CAFCO-BOARD can be installed to the exterior faces of the perimeter beams and columns followed by the building's exterior sheathing. Heating of the interior space and its structural steel is accomplished in a more efficient manner and allows required ambient and substrate temperatures to be achieved. Then, the remaining sides of the perimeter beams and columns can be protected with CAFCO Spray-Applied Fireproofing. Job progress continues as planned.

**Challenge:** Minimizing a non-budgeted expense such as the cost of temporary heating and tarping in order to maintain proper ambient and substrate temperatures when temperatures fall below 40° during a spray application.

**Solution:** CAFCO-BOARD does not require the use of machines, pumps, or water as it is attached directly to the steel beam, column, or deck surfaces by impaling the board over wire clips, weld pins, or screw attachments. Therefore, installation can occur without heating, masking, tarping, or ventilating the work area.

**Challenge:** Eliminating the need and associated costs of potentially patching and re-patching the same steel with Spray-Applied Fireproofing if damaged by inclement weather.

**Solution:** CAFCO-BOARD can withstand temporary exposure to weather. There is no cure time since water (which can freeze) is not used during the application. CAFCO-BOARD will remain affixed to the steel and fire resistance ratings are unaffected.

## 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.

800.631.9600 or + 1 973.347.1200

[technical@isolatek.com](mailto:technical@isolatek.com) | [sales@isolatek.com](mailto:sales@isolatek.com)

[www.isolatek.com](http://www.isolatek.com)



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®**

**ISOLATEK®**  
Brand