

ISOLATEK[®] HEAT-SHIELD[®] – Thermal and Acoustical Insulation Building an Energy Efficient Structure From the Bottom Up

In extreme climates, keeping a structure's temperature under control is a key factor in energy savings. In fact, many municipalities are mandating the use of thermal insulation systems in residential and commercial buildings.

ISOLATEK HEAT SHIELD is a spray applied product made of a unique blend of inorganic mineral wool aggregate and proprietary binders. As a commercial construction product, ISOLATEK HEAT-SHIELD is often chosen for use on the underside of roof decks, concrete slabs and soffits, and other complex structures and offers a combination of features not found in any other spray applied thermal/acoustical product.



Requirement: Easy application

ISOLATEK HEAT SHIELD is simply activated at the nozzle with water and is ready to be applied. The ability to easily spray around pipes and other fixtures illustrates one of the cost-savings benefits of the material. There is no need to measure, cut, or mechanically attach as is done with other products such as insulation boards.

Requirement: Thermal and acoustical insulation

In addition to R values up to 20, ISOLATEK HEAT-SHIELD also provides acoustical protection with NRC ratings up to 1.05.

Requirement: Insulation for complex substrates such as joints

Since ISOLATEK HEAT-SHIELD provides continuous spray application with a texture finish, there is no insulation loss at the joints. The spray follows the contours of the substrate versus insulation boards which, in addition to the above, are often not practical to install around complex substrates.

Requirement: LEED credits

ISOLATEK HEAT-SHIELD provides high recycled content and other environmentally friendly characteristics contributing to LEED credits.

Requirement: Non-Combustible Material

In addition to being an inorganic mineral wool based thermal/acoustical insulation, ISOLATEK HEAT-SHIELD is non-combustible. This is in contrast to cellulose and polyurethane products which are combustible and can be more susceptible to humidity and water splash. ISOLATEK HEAT-SHIELD has been tested to ASTM E84 with 0 Flame Spread and below 10 Smoke Developed (Class A).

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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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