

### PRODUCT DESCRIPTION

ISOLATEK® SBK-113™ is a ready mixed latex emulsion designed for use as an elastomeric coating when applying cement-based fireproofing to existing primed or galvanized structural steel surfaces.

Acting as a sealer/keycoat, ISOLATEK SBK-113 is formulated to improve bond adhesion along with correct pH barrier control forming a strong yet flexible surface that allows the seamless attachment of the recommended ISOLATEK cement-based Spray-Applied Fire Resistive Materials (SFRMs).

When ISOLATEK SBK-113 is applied over existing primers and used in conjunction with the recommended cement-based SFRMs, a robust and long lasting fire protection system is created, backed by ISOLATEK INTERNATIONAL's outstanding track record of high performance products.

Technical Data	
Typical Uses	Primed or galvanized steel substrates
Color	Light Orange
Theoretical Coverage	8m <sup>2</sup> / litre at 125 microns wet film thickness (326 ft. <sup>2</sup> /US gal. at 5 mils wet film thickness.
Required Thickness	100-150 microns (4-6 mils) wet film thickness. 55-82 microns (2-3 mils) dry film thickness. Do not apply less than 100 microns (4 mils) wet film thickness.
Dry Cure and Times	Air Dry: The drying time will vary with ambient conditions To touch: 0.5 to 1 hour 20°C (68°F) and 50% RH To Recoat: One or more, as required, dependent on the application (May be recoated once previous coat is touch dry) To fully dry: 2 to 6 hours 20°C (68°F) and 50% RH High humidity, low temperature and low air change will hinder cure times.
Maximum overcoat Time	2 months with either additional ISOLATEK SBK-113 or approved ISOLATEK Spray-Applied Fire Resistive Materials
Weight per Litre	1.25 kg (2.75 lbs)
Gross Weight	25 kg (55 lbs)
Volume of Solids	55%

Shelf Life/Storage	
Packaging	19 litre (5 US gal.) plastic container
Shelf Life	6 months maximum when properly stored
Storage	Protect from frost/freezing, excessive heat above 45°C (113°F) and strong radiant sunlight
VOC Content	Low

### PRODUCT ADVANTAGES

- Protection from Pre-Existing Primers Creates Long Lasting Fire Protection

The application of cement-based fireproofing coatings onto existing primers can potentially cause a chemical reaction between the two materials, leading to partial or total bond failure. As an integral component in the ISOLATEK SFRM system, ISOLATEK SBK-113 blocks and seals adverse effects resulting from application over pre-applied primers providing a compatible surface that promotes a superior adhesive bond.

- Efficient Application

Application is via airless or air-assisted spray equipment, lambswool roller or brush (maximum 1m<sup>2</sup> area), with fast dry time.

Structural components coated with ISOLATEK SBK-113 are easily identified due to its light orange color, retaining its color even after drying.

- Environmentally Friendly

ISOLATEK SBK-113 contains no mercury, lead, or chromate ingredients and is low VOC. It is packaged in 100% recyclable plastic containers.

### ABOUT ISOLATEK

We are committed to be the global leader in advancing passive fire protection technology, providing our customers with a full range of passive fire protection materials that provide superior thermal performance, unequalled durability and ease of installation. We support our customers with unsurpassed technical expertise, complemented by an extensive global network of experienced licensed contractors, and dedicated customer service.

We recognize and embrace our responsibility in providing our customers with the best life safety materials that will save lives in the event of a fire, as well as protect their valuable assets.



ISOLATEK INTERNATIONAL is registered with the  
AIA Continuing Education System (AIA/CES)



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We support our customers with unsurpassed technical expertise and customer service, complimented by an extensive global network of experienced sales representatives and licensed contractors. For detailed product information or for the name of the sales representative in your area, please contact:

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

The performance data herein reflect our expectations based on tests conducted in accordance with recognized standard methods under controlled conditions. The applicator, general contractor, property owner and/or user MUST read, understand and follow the directions, specifications and/or recommendations set forth in Isolatek International's publications concerning use and application of these products, and should not rely merely on the information contained in this product data sheet. Isolatek International is not responsible for property damage, bodily injuries, consequential damages, or losses of any kind that arise from or are related to the applicator's, general contractor's, or property owner's failure to follow the recommendations set forth in Isolatek International's publications. The sale of these products shall be subject to the Terms and Conditions of Sale set forth in the Company's invoices.