

*The applicator shall completely and fully read and understand the Long Form Application & Installation Manuals for the specific CAFECO Spray-Applied Fire Resistive Materials (SFRMs) being used in conjunction with CAFECO® BOND-SEAL prior to applying this product.*

CAFECO BOND-SEAL (Type EBS) is a clear drying, water dispersible coating, which is primarily used as a bonding agent or adhesive for CAFECO Fire Protection and Insulation Products. CAFECO BOND-SEAL (Type EBS) adhesive is required on all steel roof decks (without concrete topping) in addition to those recommended substrates referenced in the CAFECO application and installation manuals. CAFECO BOND-SEAL (Type EBS) can also be used as an optional surface sealer for CAFECO products or as an admix for the CAFECO dry mix products in areas such as mechanical rooms, elevator shafts and parking garages.

CAFECO BOND-SEAL Type X is a green tinted, water based surface encapsulant used as a lock down after abatement. It can also be applied as a surface sealer over SFRMs to identify areas of abatement or respray.

- ADHESIVE
- SEALER
- ADMIX
- WATER BASED
- MOLD RESISTANT
- UL CLASSIFIED

### **REQUIRED EQUIPMENT:**

Airless spray equipment equipped with a minimum 0.031 in. (0.8 mm) to 0.035 in. (0.9 mm) spray tip. Paint rollers or brushes may be used when applying CAFECO BOND-SEAL as an adhesive to small areas. Note: When used an adhesive for small patch areas, "Hudson Type" sprayers that disperse the CAFECO BOND-SEAL in an even pattern to the substrate may be used.

Note: When using airless equipment CAFECO BOND-SEAL tends to lose its "tack" much quicker than other application methods. **Be sure to use the recommended tip size and apply until CAFECO BOND-SEAL begins to drip.**

### **WHEN USED AS AN ADHESIVE (Type EBS):**

Thoroughly mix 3 parts CAFECO BOND-SEAL (Type EBS) with 1 part potable water. Spray-apply as a continuous coating **until the BOND-SEAL begins to drip.** Apply at a rate of 450 ft<sup>2</sup>/US gallon (11.1 m<sup>2</sup>/litre), **completely covering the surface area** for nonporous, and 300 ft<sup>2</sup>/US gallon (7.4 m<sup>2</sup>/litre), **completely covering the surface area** for porous surfaces **as mixed**. A catch-coat of the CAFECO product or required thickness being used must be applied before the BOND-SEAL loses its "tack" (typically less than 20 minutes).

### **WHEN USED AS A SEALER (Type EBS):**

Thoroughly mix 1 part of CAFECO BOND-SEAL (Type EBS) with 3 parts potable water and spray-apply at the rate of 150 ft<sup>2</sup>/US gallon (3.7 m<sup>2</sup>/litre) **as mixed**.

Airless spray equipment with the proper spray tip size is recommended to obtain the proper coverage and properties. It is also important to keep the spray tip within 12 in. (300 mm) to 16 in. (400 mm) from the surface of the CAFECO product being sealed.

CAFECO BOND-SEAL may be applied over CAFECO products after the product sets. Optimally, it is best if applied one or two days after the CAFECO product is applied.

**WHEN USED AS AN ADMIX (Type EBS):**  
(Dry Mix Products Only)

Thoroughly mix 1 part CAFCO BOND-SEAL (Type EBS) with minimum 6 parts potable water in a 55 gallon (208 litre) container. Pump the BOND-SEAL admix to the SFRM spray nozzle and apply at the proper water to material ratio for the CAFCO product being used.

**Note: When using the “admix” system the applicator must follow the written application instructions for the CAFCO product being used.**

**WHEN USED AS AN ENCAPSULANT (Type X):**

Thoroughly mix 1 part of CAFCO BOND-SEAL Type X with 3 parts potable water and spray-apply at the rate of 300 ft<sup>2</sup>/US gallon (7.4 m<sup>2</sup>/litre) **as mixed**.

Airless spray equipment with the proper spray tip size is recommended to obtain the proper coverage and properties. It is also important to keep the spray tip within 12 in. (300 mm) to 16 in. (400 mm) from the surface of the CAFCO product being sealed.

CAFCO BOND-SEAL Type X may be applied over CAFCO products after the product sets. Optimally, it is best if applied one or two days after the CAFCO product is applied.

**PRECAUTIONS:**

1. Keep from freezing.
2. If CAFCO BOND-SEAL accidentally freezes while in the container, thaw and mix well before diluting. Do not allow freezing to occur more than once. Multiple freeze thaw cycles will cause product to permanently separate.
3. Maintain a minimum substrate and ambient temperature of 40°F (4°C) prior to, during and a minimum of 24 hours after application.
4. Mask all areas not to receive BOND-SEAL.
5. All roof decks (without concrete topping) require CAFCO BOND-SEAL, mixed as an adhesive, to be applied prior to the application of **any CAFCO product**.
6. All UL Classified Painted / Primed Floor Deck (with concrete topping) require CAFCO BOND-SEAL, mixed as an adhesive, to be applied prior to the application of **any CAFCO product**.
7. CAFCO products must be applied before the BOND-SEAL loses its “tack” or dries. This could occur as soon as 20 minutes depending on jobsite conditions.

**For additional information, please contact the Technical Service Department.**

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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.

800.631.9600 or 973.347.1200  
[www.isolatek.com](http://www.isolatek.com) | [technical@isolatek.com](mailto:technical@isolatek.com)

