



## CAFCO SprayFilm® DATA SHEET: FINISH COAT MATERIALS For the CAFCO SprayFilm -WB 3, WB 4 and Topseal INTUMESCENT FIRE PROTECTION SYSTEM

We recognize that the choice of finish colors for the CAFCO SprayFilm system is the responsibility of the project's designer. To meet with project scheduling requirements and color choices, it may be more efficient to obtain finish coat material locally. We are providing the following recommendations to satisfy this need.

The surface of the SprayFilm must be clean and free from condensation, grease or any other surface contaminants that may interfere with the adhesion of the finish coat or the final surface texture.

A minimum of 5 days shall be allowed for SprayFilm to fully dry prior to the application of the finish coat material.

**Do not apply the finish coat material until the dry film thickness of the SprayFilm has been measured and it is verified that the thickness meets the requirements of the fire resistance design.**

### INTERIOR APPLICATION

After applying CAFCO SprayFilm – WB 3 or WB 4 to structural steel, it is recommended that SprayFilm be coated with a compatible finish coat. The finish coat shall provide the desired color to the system and seal the SprayFilm.

A topcoat is not UL/ULC required for Interior General Purpose.

Isolatek International recommends for conditioned interior space that a top quality semigloss acrylic latex topcoat be applied to a minimum dry film thickness of 0.0016" (0.04mm). Alternate topcoats should be waterborne *long oil alkyd resins or silicone alkyds*.

For unconditioned interior space where protection against humidity and surface damage is a concern, apply a silicone alkyd marine enamel topcoat to a minimum dry film thickness of 5.0 mils (0.13).

The interior finish coat material must be applied in full accordance with the coating manufacturer's written instructions.

### EXTERIOR APPLICATION

For exterior use, CAFCO SprayFilm -WB 4 must be coated with CAFCO SprayFilm -Topseal and a compatible exterior finish coat. The following products are approved over SprayFilm - Topseal: Sherwin Williams Steel Master 9500; Sherwin Williams Acrolon 218HS; Tnemec Endura-Shield Series 73; Tnemec Enduralume Series 1077; Tnemec Endura-Shield II series 1075. The finish coat will provide the desired color to the system and further protect the SprayFilm.

A minimum of 5 days shall be allowed for Spray Film -WB 4 to fully dry prior to the application of SprayFilm - Topseal. SprayFilm -WB 4 must be coated with SprayFilm -Topseal at a minimum dry film thickness of 14 mils (0.34mm) in a minimum of 2 coats. See the SprayFilm –Topseal Product Data Sheet for complete application instructions. A minimum of 24 hours shall be allowed for SprayFilm - Topseal to fully dry prior to the application of the exterior finish coat. The finish coat material shall be applied to a minimum dry film thickness of 7 mils (0.18mm). The exterior finish coat must be applied in full accordance with the coating manufacturer's written instructions. The entire SprayFilm system must be protected from any and all weather exposure until the finish coating material is dry. Typical drying time requirements range from 5-14 days and are dependent upon ambient temperature, air movement, relative humidity, and coating thickness.

***The exterior finish coat and Topseal must be maintained throughout the life of the building to preserve the fire resistive rating.***

Please contact the **ISOLATEK TECHNICAL SERVICES DEPARTMENT** at (800) 631-9600 or [technical@isolatek.com](mailto:technical@isolatek.com) if you should have any questions regarding the suitability of specific topcoat materials with the SprayFilm system.

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