ISOLATEK®
Fireproofing innovators since 1875

Finish Coat Materials For SprayFilm® and Albi Clad TF+

(Americas)

ISOLATEK® Type WB

(Worldwide)

Intumescent Fireproofing Systems

PRODUCT DESCRIPTION

We recognize that the choice of finish colors for the SprayFilm / ISOLATEK Type WB and Albi Clad TF+ Intumescent Fireproofing Systems is the responsibility of the project's designer. In order to comply 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 / ISOLATEK Type WB or Albi Clad TF+ 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 the SprayFilm / ISOLATEK Type WB or Albi Clad TF+ to fully dry prior to the application of the finish coat material. Alternatively, a minimum Shore D value of 40 (SprayFilm/ Type WB 5) and 50 (Sprayfilm / Type WB 4) is recommended prior to the application of a finish coat.*
- *Do not apply the finish coat material until the dry film thickness of the SprayFilm / ISOLATEK Type WB or Albi Clad TF+ has been measured and it is verified that the thickness meets the requirements of the fire resistance design.*

INTERIOR APPLICATION

SprayFilm / ISOLATEK Type WB 3, WB 4 & WB 5, Albi Clad TF+

A finish coat is not UL/ULC required for Conditioned Interior Space Purpose and/or Interior General Purpose.

- If desired, for conditioned interior space, a top quality acrylic latex finish coat may be applied in accordance with the specific manufacturer's instructions. Alternate finish coats should be waterborne long oil alkyd resins, silicone alkyds, or other finish coats approved by Isolatek International.
- If desired, for unconditioned interior space where protection against humidity and surface damage is a concern, apply a silicone alkyd marine enamel or aliphatic polyurethane topcoat to an average film thickness of 5.0 mils (0.13mm).
- The interior finish coat material must be applied in full accordance with the coating manufacturer's written instructions.

EXTERIOR APPLICATION

SprayFilm WB 4 / ISOLATEK Type WB 4 & SprayFilm Topseal® / ISOLATEK Type Topseal

For exterior use, SprayFilm WB 4 / ISOLATEK Type WB 4 must be coated with SprayFilm Topseal / ISOLATEK Type Topseal and a compatible exterior finish coat. The following products are approved for use over SprayFilm Topseal / ISOLATEK Type 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 or other similar finish coats approved by Isolatek International.

These finish coats will provide the desired color to the system and further protect the SprayFilm WB 4 / ISOLATEK Type WB 4 System.

A minimum of 5 days shall be allowed for SprayFilm WB 4 / ISOLATEK Type WB 4 to fully dry prior to the application of SprayFilm Topseal. A minimum Shore D value of 50 is recommended.

SprayFilm WB 4 / ISOLATEK Type WB 4 must be coated with SprayFilm Topseal at a minimum dry film thickness of 14 mils (0.34 mm) in a minimum of 2 coats. (Refer to the SprayFilm Topseal / ISOLATEK Type Topseal Technical Data Sheet for complete application instructions).

A minimum of 24 hours shall be allowed for SprayFilm Topseal / ISOLATEK Type Topseal to fully dry prior to the application of the compatible exterior finish coat. The exterior finish coat material shall be applied to an average dry film thickness of 7 mils (0.18 mm) and must be applied in full accordance with the coating manufacturer's written instructions.

The entire SprayFilm WB 4 / ISOLATEK Type Topseal System must be protected from any and all weather exposure until the finish coat is dry. Typical drying time requirements range from 5 to 14 days and are dependent upon ambient temperature, air movement, relative humidity, and coating thickness.

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

Please contact your Isolatek Representative if you should have any questions regarding the suitability of specific finish coat materials with Sprayfilm / ISOLATEK Type WB intumescent fireproofing systems.

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Finish/Top Coat Materials For FireSolve® SB

(Americas)

Intumescent Fireproofing Systems

PRODUCT DESCRIPTION

We recognize that the choice of finish colors for the FireSolve SB Intumescent Fireproofing Systems is the responsibility of the project's designer. In order to comply 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 FireSolve SB 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 Shore D value of 50 is recommended prior to the application of a finish coat.*
- *Do not apply the finish coat material until the dry film thickness of the FireSolve SB has been measured and it is verified that the thickness meets the requirements of the fire resistance design.*

INTERIOR APPLICATION

FireSolve SB

A top coat is not required for **Conditioned Interior Space Purpose (CIS)**.

A top coat is required for unconditioned spaced use or **Interior General Purpose (IGP).** Isolatek FireSolve SB requires one of the following topcoats for IGP:

- Sherwin Williams Macropoxy 646
- TENEMEC 1095
- Sherwin Williams Acrolon 100 HS
- Sherwin Williams Sher-Cryl HPA

The topcoat material must be applied in full accordance with the coating manufacturer's written instructions. Refer to the UL listing for minimum thickness of topcoat.

EXTERIOR APPLICATION

FireSolve SB

For exterior use, FireSolve SB must be coated with an approved top coat per UL*. The following products are approved for use over FireSolve SB for exterior rating:

- *Type Acrolon 100 HS*
- *TNEMEC 1095*
- *Type Macropozy 646*

*Refer to the UL Listings for the approved topcoats in exterior applications. Visit https://productiq.ulprospector.com/en.

The exterior finish coat, termination seals, and FireSolve SB must be maintained throughout the life of the building to preserve the fire resistive rating.

Please contact your Isolatek Representative if you should have any questions regarding the suitability of specific top or finish coat materials with FireSolve SB intumescent fireproofing systems.

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