

## PRODUCT DESCRIPTION

We recognize that the choice of finish colors for the ISOLATEK 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 ISOLATEK Intumescent Fireproofing 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 ISOLATEK Intumescent Fireproofing to fully dry prior to the application of the finish coat material. Alternatively, a minimum Shore D value of 40 (ISOLATEK Type WB 5) and 50 (ISOLATEK 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 ISOLATEK Intumescent Fireproofing has been measured and it is verified that the thickness meets the requirements of the fire resistance design.*

## INTERIOR APPLICATION

### ISOLATEK<sup>®</sup> Type WB 3, WB 4 & WB 5

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 manufacturers 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 0.13mm (5.0 mils).
- The interior finish coat material must be applied in full accordance with the coating manufacturer's written instructions.

## EXTERIOR APPLICATION

### ISOLATEK<sup>®</sup> Type WB 4 & Isolatek<sup>®</sup> Topseal<sup>®</sup>

For exterior use, ISOLATEK Type WB 4 must be coated with ISOLATEK Type Topseal and a compatible exterior finish coat. The following products are approved for use over 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 ISOLATEK Type WB 4 System.

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

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

A minimum of 24 hours shall be allowed for 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 0.18 mm (7 mils) and must be applied in full accordance with the coating manufacturer's written instructions.

The entire ISOLATEK Type WB 4 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 ISOLATEK Type Topseal must be maintained throughout the life of the building to preserve the fire resistive rating.***

Please contact the Isolatek Technical Services Department at +1 973.347.1200 (Option 1) or [technical@isolatek.com](mailto:technical@isolatek.com) if you should have any questions regarding the suitability of specific finish coat materials with ISOLATEK Intumescent Fireproofing Systems.



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

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 Technical 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 set forth in the Company's invoices.

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Isolatek International provides passive fireproofing materials under the CAFCO® and FENDOLITE® trademarks throughout the Americas and under the ISOLATEK® trademark throughout the remainder of the world.

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