



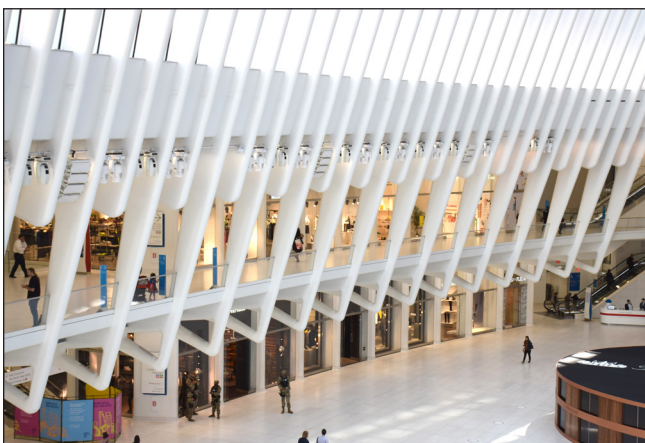
## World Trade Center Transit Hall & Oculus - New York, NY

Isolatek International began supplying **CAFCO<sup>®</sup> SprayFilm<sup>®</sup> WB 5 / ISOLATEK<sup>®</sup> Type WB 5** for the World Trade Center (WTC) Transit Hall and Oculus in May 2014. Our involvement with the WTC Transit Hall and Oculus Project Team dates back over two years, the result of intense coordination to satisfy project requirements that extended well beyond routine Underwriters Laboratories (UL) testing.

The thermal and application efficiencies found in our CAFCO SprayFilm WB 5 / ISOLATEK Type WB 5 water-based intumescent coating drew the attention of the Project Team, including our ISOLATEK<sup>®</sup> Recognized Applicator. CAFCO SprayFilm WB 5

/ ISOLATEK Type WB 5 Dry Film Thicknesses were far superior to the other specified products, meaning significantly less material, labor, and time would be needed to complete the project.

The Project Team, which includes the Port Authority of New York and New Jersey, mandated that all intumescent coating manufacturers validate their product's fire resistive performance through testing that went above and beyond UL. The "Oculus" design gives the WTC Transit Hall a wing-like appearance, made possible through very ornate and complex built-up structural steel members. Since these steel shapes and sizes varied so greatly from the industry standard shapes and sizes tested at UL, each intumescent coating had to demonstrate fire resistive performance of 2-hours when applied to the Oculus steel members. CAFCO SprayFilm WB 5 / ISOLATEK Type WB 5 met this challenge and again clearly differentiated itself from the competition through its superior thermal performance.



Further to this UL test program were detailed engineering analyses carried out by a world renowned fire protection engineering firm such that performance was validated on the many other built-up steel column designs. Finally, a small-scale fire test was conducted at a local, accredited fire testing laboratory to address steel substrate conditions that were prevalent throughout the project and once again, CAFCO SprayFilm WB 5 / ISOLATEK Type WB 5 satisfied the Project Team's established criteria.

Designed by Spanish architect Santiago Calatrava and slated for completion in 2015, the WTC Transit Hall and Oculus will serve over 200,000 commuters daily and millions of global visitors annually. This will be one of the largest and most unique transportation centers in the United States.



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Brand

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

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