

## The Waldorf Astoria, New York, New York



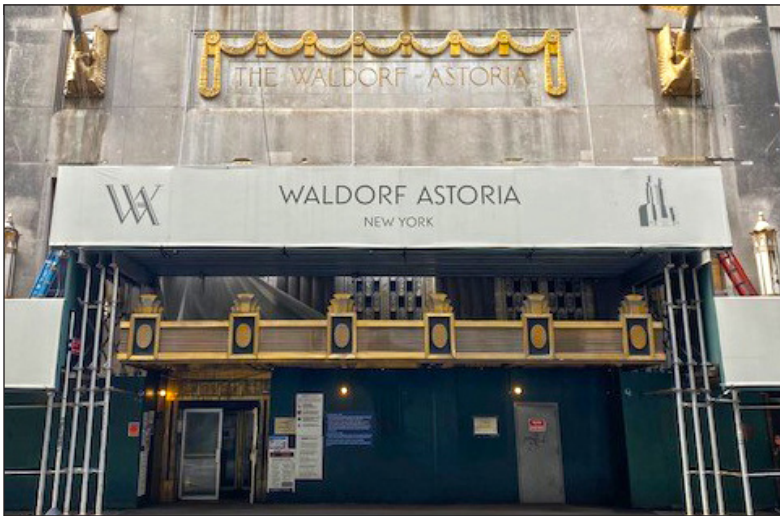
**The Waldorf Astoria New York Hotel opened its doors to Park Avenue in 1931** entertaining many people from around the world. The 1.65-million-square-foot full-block building needed renovations and closed its doors in 2017. The 90-year-old building is an official exterior landmark of New York City since 1993. A team of preservationists carefully evaluated the building, identifying thousands of historical artifacts to be preserved by the building's developer/owner.

The rooms were stripped down to the steel allowing Spectrum Painting Corporation to apply our fireproofing materials. Isolatek International's CAFCO® 3000, CAFCO 400 and CAFCO FENDOLITE® M-II was supplied to our recognized applicator, Spectrum Painting Corporation in Armonk, NY, for the renovation. CAFCO 3000, ultra-high-strength, gypsum-based wet mix Spray-Applied Fire Resistive Material (SFRM) and CAFCO 400, medium density, Wet Mix SFRM, were selected to meet the ratings and bond strengths needed to protect the building. CAFCO 3000 required provides superior fire resistive performance per unit thickness and is the most cost-efficient solution for the fireproofing of high-rise structures. CAFCO 3000 is designed to meet a minimum bond strength of 1000 psf, which is required for high rise buildings over 420 ft. CAFCO 400 is an efficient solution to achieve bond strengths in excess of 430 psf and 1000 psf.

Isolatek International's CAFCO FENDOLITE M-II High-density, Wet Mix SFRM will top off the project due to its Portland cement formulation, thermal performance, proven superior durability, and ease of application. CAFCO FENDOLITE M-II is tested and listed in accordance with BS476: Parts 20 & 21, ANSI/ UL 263, ASTM E119, CAN/ULC-S101.

Once complete the iconic Waldorf Astoria restoration will match its original external Art Deco structure from the 1930s. It will reopen with a 375-room luxury hotel and also 375 condominium residences.





800.631.9600 or + 1 973.347.1200

[technical@isolatek.com](mailto:technical@isolatek.com) | [technical-international@isolatek.com](mailto:technical-international@isolatek.com)

[www.isolatek.com](http://www.isolatek.com)



Brand

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

**WE SAVE LIVES®**

**ISOLATEK®**  
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