

Case Study:

# Holiday Inn Manhattan Financial District





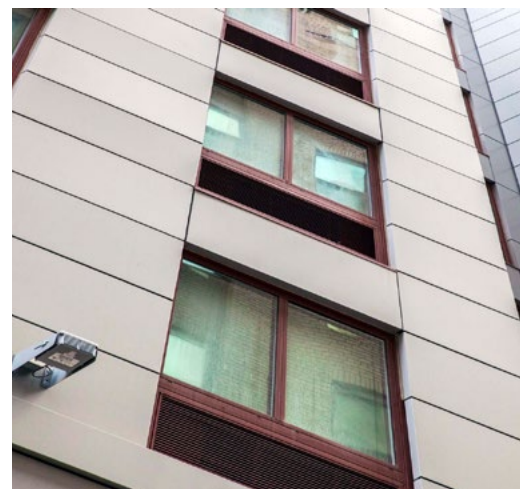
The new Holiday Inn Manhattan-Financial District is lighting up the Wall Street neighborhood with a brilliant metal-paneled façade that attracts and reflects light, brightening the street-level pedestrian landscape around it. The new hotel also provides a new superlative for Manhattan, as it is, at 50 stories, the tallest Holiday Inn in the world.

With tourism flourishing in Lower Manhattan, the well-appointed budget hotel was designed to meet current market demands while maximizing the floor and area ratio and the number of guest rooms. To achieve the design intent, increase the size of the guest rooms and maintain the project on budget, the façade composition was redesigned from an original of concrete masonry units and masonry to one featuring a much more slender exterior wall clad in Reynobond® 4mm FR Composite Material over an engineered dry-seal gasket system with metal stud framing.

The postmodern architecture includes a low-rise, contextual base, designed to blend with the surrounding streetscape, that rises into a dramatic, slender tower featuring gradual setbacks. Installing the Reynobond® Composite Material with perfectly aligned metal panel joints going up 467 feet from the bottom

to the top of the building was challenging. The setbacks required frequent reworking and moving of swing scaffolding and mast climbers in a limited staging area.

The Reynobond® Composite Material—installed in a pattern that runs both vertically and horizontally—leads the eye up and, at the same time, accentuate the gradual setbacks of the architecture. The horizontal patterns were used to create a sense of balance in relation to other façade components. Completed in just 10 months, the installation was aided by the open V-joint system with snap-in silicone gasket (110 PSF) and locking process that exceeds the New York Building Code requirements and was able to work with the attachment and panel in the 1.5-inch space mandated by the limited space air rights.



<b>Architects</b>	Gene Kaufman, Architect PC
<b>General Contractor</b>	Cava construction and Development, Inc
<b>Panel Fabricator</b>	Allied Specialty Group, Inc / Allied Metal
<b>Panel Installer</b>	PG Drywall
<b>Product</b>	115,000 square feet of Reynobond® 4mm FR Composite Material
<b>Color</b>	Champagne Metallic Colorweld 500XL
<b>Application</b>	Dry seal gasket system