

Hudson Yards

New York, NY

Structural Silicone Glazing
and Weatherseal Sealants
Secure the Glass Facades of
Five Ambitious Buildings



A Landmark Development in New York City

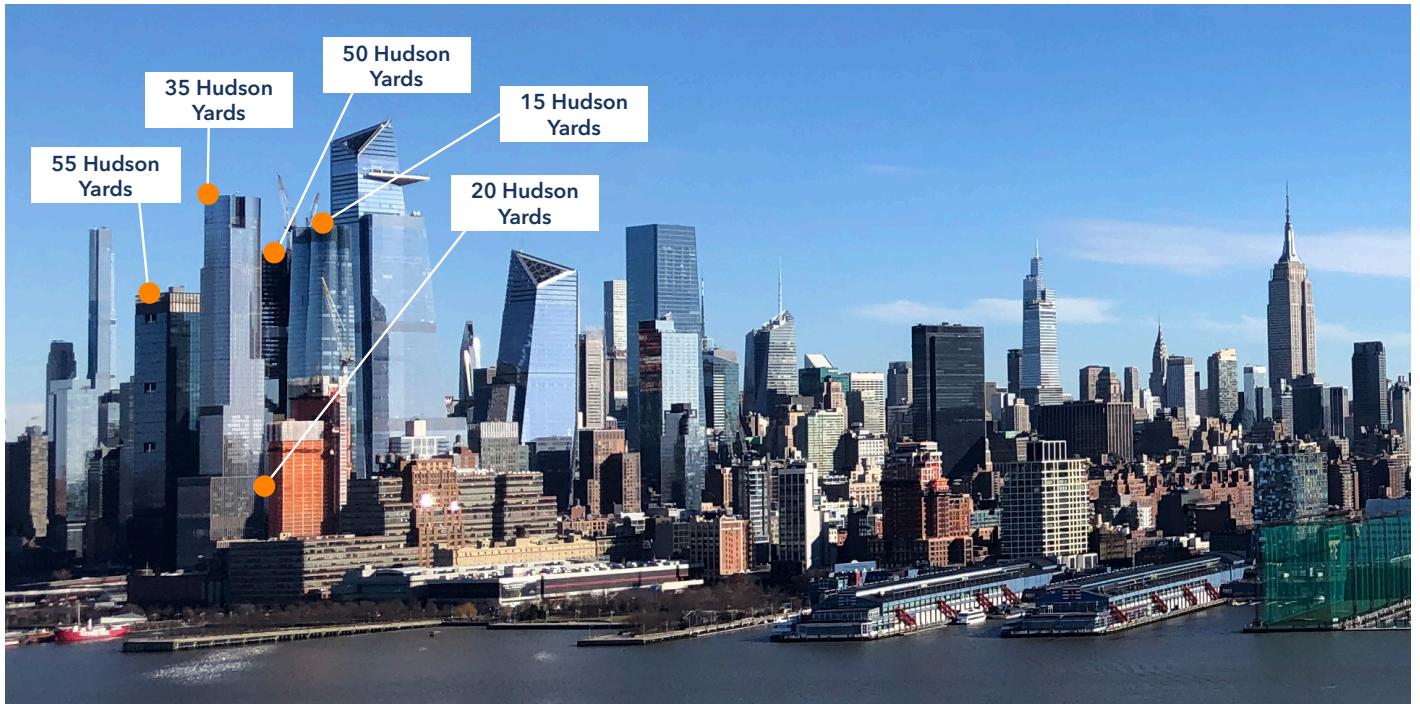
Hudson Yards is a 28-acre mixed-use district on a former rail yard on Manhattan's Far West Side. It is the largest private real estate development in U.S. history to date. This ambitious project, developed by Related Companies, is expected to be complete between 2024-2032.

This city-within-a-city is built on the bank of the Hudson River, and is home to tens of thousands of workers and residents, featuring 12 million square feet of mixed-use space, premier shops and dining, thousands of residences, The Shed arts center, public gardens, and a luxury hotel. The site incorporates sustainability into the infrastructure, with onsite power generation, stormwater reuse, direct subway access via the 7-line extension, and LEED Gold neighborhood certification.

Our silicone sealants are used in five of the development's skyscrapers. A combined system of UltraGlaze™ SSG4600 Structural Silicone Glazing Sealant, SilPruf™ SCS2000 Sealant, and SCS2350 Sealant was used to construct and install the impressive glass facades of these structures.

Momentive collaborated with the fabricator, New Hudson Facades, who was contracted for many of the buildings in Hudson Yards.





Five Ambitious Towers

15 Hudson Yards was completed in 2019, and rises 910 ft (279 m) with 88 floors. The ultra-luxurious residential glass tower spans 960,000 square feet and offers sweeping views of the Lower Manhattan skyline. The tower holds LEED Gold status. UltraGlaze™ SSG4600 Sealant, SilPruf™ SCS2000, and SCS2350 were used in the curtainwall construction. The architect on the project was Diller Scofidio + Renfro; Rockwell Group.

20 Hudson Yards is the most recently completed structure. The building was recladded, with existing metal panels removed and a new floor-to-ceiling glass facade installed over the exposed superstructure. Repurposing older construction gives the building a new look, upgrades building performance, and saves time and construction costs. The bottom levels hold retail shops, while the top has been renovated into a 445,000-square-foot office for Wells Fargo. UltraGlaze™ SSG4600 Sealant, SilPruf™ SCS2000, and SCS2350 were used in the new curtainwall.

35 Hudson Yards was completed in 2019, with 71 floors and measuring 1,010 ft (308 m). The supertall skyscraper was the second residential tower opened in the district, following 15 Hudson Yards, and offers luxury condominiums, amenities, and a hotel. UltraGlaze™ SSG4600 Sealant, SilPruf™ SCS2000, and SCS2350 were used in the curtainwall construction. The architect on the project was Skidmore, Owings & Merrill LLP.

50 Hudson Yards was completed in 2022, has 78 floors, and measures 1,011 ft (309 m). The supertall commercial skyscraper is New York City's fourth largest commercial office tower, with 2.9 million feet of office space. The exterior cladding is a striking facade of floor-to-ceiling glass and white stone forming a symmetrical grid. UltraGlaze™ SSG4600 Sealant, SilPruf™ SCS2000, and SCS2350 were used in the curtainwall construction. The architect on the project was Foster + Partners.

55 Hudson Yards was completed in 2018, with 51 Floors and rising 780 ft (237 m). The building holds approximately 1.3 million square feet of interior office space. Despite its shorter height in relation to other towers in Hudson Yards, the building is the 74th tallest building in the entire country, highlighting the immense scale of this ambitious development. UltraGlaze™ SSG4600 Sealant, SilPruf™ SCS2000, and SCS2350 were used to construct the distinctive black-colored facade. The architect on the project was Kohn Pederson Fox Associates.



Award-Winning Design & Construction

The development has won many awards, including the 2025 Frank W. Berkman Tourism Achievement Award, and the ACEC New York Engineering Excellence Diamond Award.

20 Hudson Yards was awarded the 2019 Excellence in Structural Engineering Awards.

55 Hudson Yards was a finalist for the ULI New York Awards for Excellence in Development for its sustainability features (LEED Gold certified), and waste diversion during construction, and was featured in a film about the design of the tower.

A Durable, Lasting Seal for Supertall Towers

UltraGlaze SSG4600 sealant is made to meet the needs of tomorrow's glass skyscrapers. This two-part 100% silicone structural glazing sealant enables the design of safe, flexible, attractive curtain walls with reduced metal frame support and system dimensions.

Together with two-part structural silicone, SilPruf Weatherseal Sealants add outstanding weather resistance, durability and adhesion. Weatherseal sealants provide excellent protection against air and water, with high movement capability that helps maintain building integrity over time.



NOTE: Performance results are those of reported accounts, and are not to be relied upon as typical or expected under any other circumstances. Performance results will vary depending upon a number of factors. Prospective customers should rely solely upon their own evaluative techniques to determine what results are attainable and optimal to their specific needs. Further note that MPM is not endorsed by or affiliated with the owner(s) of Hudson Yards or the buildings mentioned.



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