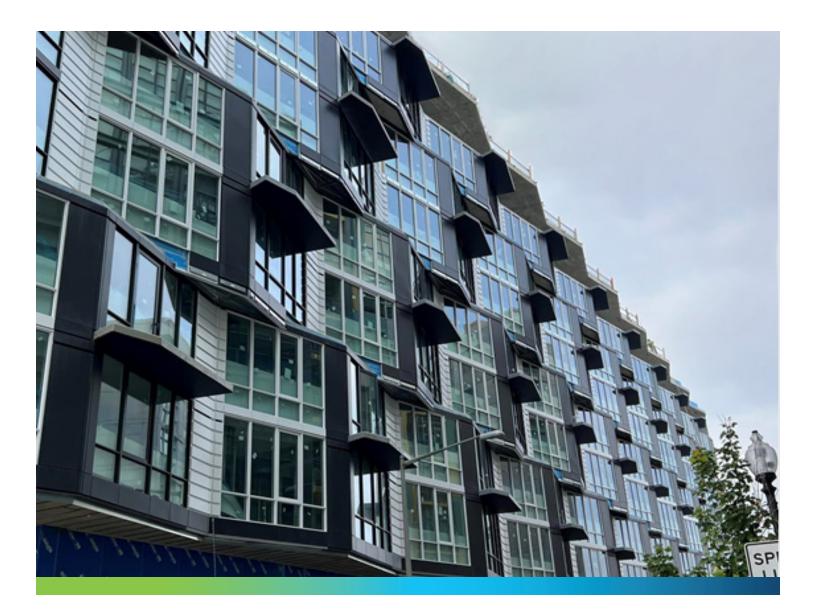
BUILT BETTER

Project: 9TH & W

Place: Washington, DC

Completion: End of 2022 Architect: SK+I Architecture **Concrete Contractor:** Baker DC **General Contractor:** CBG







Project: **9TH & W**





THE CHALLENGE

- An 11-story, mixed-use development located in Washington, D.C.'s vibrant U Corridor.
- Client identified their objective to achieve LEED Gold certification early-on and was looking for building materials to help them meet their goals.
- In considering green product options, the client insisted that all the technical requirements of the project be met with no impact on performance characteristics.

THE SOLUTION

- This 258,000 square foot project utilized 14,000 cubic yards of concrete, 3,000 to 10,000 psi including DYNAMax for high-strength and durability and RAPIDFORCE high-early strength for quick setting.
- The building's design features unique angles and curves, adding complexity to the concrete and window construction.
- Holcim conducted extensive mix testing in an environment reflecting actual site conditions to demonstrate that ECOPact performance capabilities would meet client objectives.
- Holcim's Global Warming Potential (GWP) savings calculation tool helped to illustrate the difference between ECOPact and other concrete options, convincing the client of ECOPact superiority.
- Holcim set up a Washington, D.C., plant in partnership with Climate Earth in order to generate mix-specific Environmental Product Declarations (EPDs) to substantiate the value of ECOPact.
- ECOPact low-carbon concrete provided a 22% reduction in carbon emission when compared to the National Ready Mix Concrete Association (NRMCA) regional average, an equivalent to the annual energy use of 118 homes.

"Ecopact is a turnkey solution to achieving high levels of carbon reduction whilst maintaining the strength and reliability we builders must be able to count on."

Greg Lehri, Operations Manager, Baker Concrete Construction, Inc.

For more information, please contact zachary.lovett@holcim.com or visit us at www.holcim.us/contact

BENEFITS



ENVIRONMENTAL SUCCESS

22%

REDUCTION IN CARBON DIOXIDE EMISSIONS

983

TONS OF CO2 EQUIVALENT SAVED FOR THIS PROJECT



Learn more about ECOPact concrete at holcim.us/ecopact

