



# 400 Hillsborough Street

## Raleigh, North Carolina, USA

### Project Overview

Thomas Concrete has been using CarbonCure in its concrete mix designs for high-rise projects since 2020.

Initial concerns from engineers were quickly alleviated once it became evident that CarbonCure had no negative effects on fresh or hardened concrete properties across a range of high-rise use cases from footings to columns. Since 2020, Thomas Concrete successfully used CarbonCure mix designs on numerous projects in North Carolina, including 301 Hillsborough Street, NHX Building Y and Building W, The Walter Tower, and Midtown Exchange.

Engineers across the USA are seeking low carbon concrete to help reduce the carbon footprint of their projects.

400H in downtown Raleigh, North Carolina, was one such project. The 20-story tower, designed by Gensler, includes 144,000 square feet of Class-A office space, 16,000 square feet of ground-floor retail, 242 apartments across 11 levels, and a 9th-floor sky-hub featuring an indoor-outdoor amenity center with a pool, fitness center, lounge, and meeting space.

### Quick Facts

**Building Description:**  
20-story, mixed-use tower

**Developer:**  
A joint venture of Trammell Crow Company, High Street Residential, AECOM Canyon Partners and HM Partners

**Concrete Supplier:**  
Thomas Concrete

**Architect:**  
Gensler

**Structural Engineer:**  
Uzun + Case

**General Contractor:**  
Barnhall Contracting Company

**Completion:**  
2023

**“ Thomas Concrete is committed to reducing our carbon footprint, and CarbonCure has allowed us to do that. I submit CO<sub>2</sub> mixes for everything from 3,000 PSI footings to 10,000 PSI columns and have not seen any difference in CarbonCure mixes versus standard mixes. Appearance, set time, pumpability, and workability have not been affected.”**

**– Tyler Krantz, Technical Services Manager, Thomas Concrete**

All CO<sub>2</sub> savings values provided by CarbonCure are estimates and should not be used for carbon accounting purposes. Savings should only be claimed by the attribute owner. To purchase these environmental attributes from CarbonCure and claim them in carbon accounting, please contact [support@carboncure.com](mailto:support@carboncure.com) to discuss relevant pathways.



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