The traditional concrete you rely on - only greener!

The CarbonCure Technology reduces the carbon footprint of concrete without impacting its fresh or hardened properties, and without impacting construction schedules.

CarbonCure retrofits concrete plants with a technology that introduces recycled carbon dioxide (CO₂) into the concrete mix during mixing. When introduced, the CO₂ becomes chemically converted into a solid mineral - meaning that the CO₂ is permanently trapped within the concrete.

The CarbonCure Technology is installed in over 100 plants across Canada and the United States.

48,000 cubic yards of reduced carbon concrete made with the CarbonCure Technology was delivered to 725 Ponce, diverting 1.5 million lbs of CO₂ from the atmosphere.

That’s equivalent to 1 acre of US forest sequestering CO₂ for 800 years.

Project Case Study: 725 Ponce, Atlanta, GA

48,000 cubic yards of reduced carbon concrete made with the CarbonCure Technology was delivered to 725 Ponce, diverting 1.5 million lbs of CO₂ from the atmosphere.

That’s equivalent to 1 acre of US forest sequestering CO₂ for 800 years.

Architect: Cooper Carry
Completion: 2018
Engineer: Uzun+Case, LLC
General Contractor: Brasfield & Gorrie
Building Description: 360,000 sf retail office

“'The CarbonCure concrete that arrived at the Multi-Pad Arena had an excellent finish and met all of our fresh properties criteria.'

- Roland Doucet, P. Eng., LEED AP, Construction Manager, Ellis Don Corporation
It's as easy as flipping a switch.

The CarbonCure Technology has no impact on the fresh or hardened properties of ready mix concrete, including durability, finishing, workability, pump-ability, temperature, pH or appearance. Additionally construction schedules are not impacted by the use of the CarbonCure Technology.

Contractors can capitalize on the unique qualities of concrete they rely on: strength, versatility, durability, sound-reduction and thermal-insulation - with a reduced carbon footprint.

Feel confident using a product that has been researched, tested and validated.

The CarbonCure Technology has been validated through extensive industrial research conducted at leading concrete production facilities and educational institutions. Concrete made with the CarbonCure Technology is being delivered to construction projects across the country every day.

For reduced carbon concrete durability testing see CarbonCure’s published paper, “Properties and durability of concrete produced using CO₂ as an accelerating admixture”. *

*For more information see CarbonCure’s Technical Data Library at www.carboncure.com/technical-data-library

Join the team of contractors, designers, and manufacturers using reduced carbon concrete.

Projects using reduced carbon concrete made with the CarbonCure Technology are getting noticed! The 725 Ponce project was recently recognized in a CNN segment for its reduced carbon footprint using concrete made with recycled CO₂.

Featuring the CarbonCure Technology in your next project is a great way to display your commitment to the future of green building to your local community.