



Stacy Smedley,
Director of
Sustainability,
Skanska



**CARBON
CURE™**

“There is an urgency to act now to reduce the embodied carbon in new construction development. It’s imperative that as designers, developers, and builders we support the rapid scaling of technologies, tools, and processes that reduce carbon emissions from the manufacturing of building materials.”

Reducing the carbon footprint of your project has never been easier

The CarbonCure Technology recycles waste carbon dioxide (CO₂) to reduce the carbon footprint of the concrete industry by creating affordable, greener concrete.

CarbonCure retrofits concrete plants with a technology that introduces 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 170 plants across Canada, the United States and Singapore.

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 800 acres of forest sequestering CO₂ for a year.*



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*Sourced from EPA Greenhouse Gas Equivalencies Calculator
For more information see CarbonCure’s Case Study Library at www.carboncure.com/case-studies

SIMPLY BETTER CONCRETE FOR THE DESIGN COMMUNITY



Have your cake and eat it too

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

Carbon footprint reduction of ready mix:

Approx. 25lbs CO₂ per cubic yard
(sequestered + avoided CO₂)

CarbonCure was specified at the RBC Centre in Dartmouth, NS.

It's as easy as flipping a switch

The use of 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.

CarbonCure had no impact on the fresh properties of concrete delivered to 725 Ponce in Atlanta, GA.



Something to get excited about

CarbonCure was recently named one of 10 finalists in the NRG COSIA Carbon XPRIZE Challenge, recognizing its renowned innovative solution to climate change. Featuring the CarbonCure Technology in your next project is a great way to display your commitment to the future of green building and carbon reduction.

Developer Tridel showcased its Toronto building's carbon reduction using signs throughout its concrete parking garage.



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