



**Glenwood Mason
Supply Company**
4100 Glenwood Road
Brooklyn, NY 11210

**Superior Block
Corporation**
www.glenwoodmason.com
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RECYCLING CO₂ TO MAKE SIMPLY BETTER MASONRY

DID YOU KNOW?
5%
OF ALL CO₂ EMISSIONS
COME FROM CEMENT
PRODUCTION

WHAT IS CARBONCURE?



CarbonCure's technology recycles carbon dioxide (CO₂) to reduce the carbon footprint of the concrete industry by creating affordable, greener concrete products.

CarbonCure retrofits existing concrete plants with a technology that introduces CO₂ gas into the concrete mix during production. When introduced, the CO₂ becomes chemically converted into a solid mineral - meaning that the CO₂ is permanently trapped within the concrete.



CarbonCure's technology is installed in concrete masonry and ready mixed concrete plants across Canada and the United States.

Masonry made with CarbonCure's technology has been installed in a variety of construction project types including educational, residential, commercial, government, transportation, and sports centers.



WHY GO GREEN?

The reduction of masonry's carbon footprint through the use of CarbonCure's technology allows project teams to contribute towards materials and resources credits under LEED version 4. Health Product Declarations (HPDs), Environmental Product Declarations (EPDs), and life cycle impact data can be provided upon request for masonry products made with CarbonCure's technology.



A typical building project made with CarbonCure concrete products may reduce as much CO₂ as an acre of forest will sequester over the course of a year!



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THE PROCESS



CarbonCure's technology is retrofitted to an existing masonry plant.



Carbon dioxide (CO₂) gas is sourced from the smokestacks of industrial emitters.



The purified CO₂ gas is delivered in pressurized vessels to the concrete production facility by commercial gas suppliers.



CarbonCure's proprietary delivery system precisely injects the CO₂ into the concrete mix.



The CO₂ is chemically converted into solid calcium carbonate, which is permanently embedded within the concrete.



When the concrete structure is demolished and pulverized, the gas won't escape - because it no longer exists.



Many project teams using CarbonCure masonry products have taken the opportunity to demonstrate the project's commitment to sustainability through educational signage, such as this display in Toronto, Ontario

"In coordination with MGM Resorts International, SmithGroupJJR specified Ernest Maier with CarbonCure concrete masonry for the MGM National Harbor because the product's reduced carbon footprint aligned with the project and client's sustainability objectives."

- Russell Perry, Principal
SmithGroupJJR

For steps on how to specify
CarbonCure masonry
products for your next project
visit our website.

www.carboncure.com

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MGM National Harbour

Location: Prince George County, MD

Specified by: SmithGroupJJR

CO₂ Reduced: 3,150 lb CO₂



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