

CarbonBuilt Acquires Jolley Concrete and Block

CarbonBuilt® acquired Jolley Concrete and Block, a family-owned concrete producer of masonry, retaining wall and paver products, and ready mixed concrete. CarbonBuilt will upgrade the existing concrete block plant with proprietary decarbonization technology to produce ultra-low-carbon concrete products in New England, USA. CarbonBuilt sold the operation to Sterling Concrete Corp., a ready mixed concrete supplier based in Massachusetts, USA, as part of the transaction. TheNewClimate, Inc.; The Schmidt Family Foundation; and Meta Platforms, Inc., are supporting CarbonBuilt's acquisition and decarbonization of Jolley Concrete.

CarbonBuilt also announced new leadership appointments to accelerate growth. Michelle Carvin was promoted to Chief Executive Officer (CEO). She will lead CarbonBuilt's growth through strategic acquisitions, vertical integration into concrete manufacturing, and the deployment of CarbonBuilt's technology at scale. Brian Bush was appointed Chief Manufacturing Officer, where he will oversee operational excellence across CarbonBuilt's manufacturing operations. Conor Cooper was announced as Chief Commercial Officer, where he will drive CarbonBuilt's commercial strategy and growth in New England.



CarbonBuilt has acquired Connecticut-based Jolley Concrete and Block

CarbonCure and MIT Launch Research on Carbon Mineralization in Concrete

CarbonCure Technologies Inc. and The Massachusetts Institute of Technology's (MIT) Masic Lab are collaborating on new research on the science of injecting and mineralizing carbon dioxide (CO₂) within concrete—a potential solution for mitigating emissions in the concrete industry. Admir Masic, Principal Investigator at MIT's Concrete Sustainability Hub (CSHub), will be leading the collaborative research. The Masic Lab investigates the nanochemomechanics of mineralization and biomineralization processes of materials ranging from construction materials to archeological and

biological materials. Research will be conducted at the CSHub. The CSHub includes a multi-year collaboration with the National Ready Mixed Concrete Association (NRMCA) and state ready mixed concrete associations to help the concrete industry move toward carbon neutrality.

CarbonCure's research team has conducted field leading research for over a decade, detailing carbon utilization technologies and the properties of carbon-mineralized concrete. The Masic Lab will build on this research by employing advanced analytical techniques to investigate the fundamental mechanisms of carbon mineralization in concrete manufacturing. The research will include exploration of the kinetics of CO₂ mineralization within concrete; the quantity, stability, density, and special distribution of calcium carbonates; and improvements in cement hydration efficiency.

Tremco CPG Acquires HercuWall

Tremco Construction Products Group (CPG) Inc. acquired HercuWall®, a panelized insulated wall system, from HercuTech, Inc. HercuWall is a certified prefabricated wall system that incorporates structure, insulation, and a weather-resistant barrier into one product. It is designed for residential and multi-family, build-to-rent, and commercial construction and offers energy efficiency and faster construction timelines compared to traditional wood framing. HercuWall's lightweight, patented design reduces labor requirements and overall construction costs while delivering greater durability. HercuWall joins Tremco CPG's range of wall solutions, including Nudura® Insulated Concrete Forms (ICF) and Modulite® prefabricated wall panel systems.

Keystone Cement Transitions from GCHI to Independent Operations

Keystone Cement Company transitioned to an independent operation under new parent company Keystone Cement Holding, Inc., on April 1, 2025. The sale of Giant Cement Holding, Inc. (GCHI) to Heidelberg Materials moved forward, but Keystone Cement was not part of the transaction. Keystone remains part of Fortaleza Materiales Group.

Keystone Cement Company will continue operating its three divisions:

- Keystone Cement: provides cement in the Mid-Atlantic region;
- Keystone Aggregates: supplies aggregates for construction and infrastructure projects; and
- Keystone Resource Recovery: recycles and processes industrial waste into fuel for its kiln, ensuring zero landfill waste.

Keystone Cement will continue operating with its team and will receive corporate support and investment to drive future

growth. Yonn Barrick was appointed Vice President and General Manager of Keystone Cement Company as part of the transition. He comes to the role with over 25 years of experience in the cement and concrete industry.

MasterEase 5000 Receives 2025 Innovative Product Award

Master Builders Solutions was named the 2025 Innovative Product Award winner by World of Concrete (WOC) in the Industry Choice Sustainable Concrete Materials category for its MasterEase 5000 admixture. The Innovative Product Awards is an industry recognition program that celebrates innovations in concrete and masonry. The award is voted on by industry professionals at the WOC and the WOC360 audience and presented to one winner in each program category. MasterEase 5000 is a water-reducing and conditioning admixture based on patented technology that improves the rheology and handling of concrete mixtures, making the concrete easier to produce, pump, place, consolidate, and finish. MasterEase 5000 also provides benefits for sustainable, low-carbon concrete mixtures that tend to be harsh or sticky, for concrete producers, contractors, and project owners in pursuit of sustainability goals.



Demo of the MasterEase 5000 admixture

Bentley Systems Partners with Google on Asset Analytics

Bentley Systems, Inc., announced new asset analytics capabilities that leverage Imagery Insights from Google Maps Platform to rapidly detect and analyze roadway conditions. The new capabilities in Bentley Asset Analytics' Blynscy product offering, which applies artificial intelligence (AI) to crowdsourced imagery for automated roadway asset detection

and inspection, will help infrastructure professionals improve roadway maintenance and support disaster recovery.

Bentley and Google LLC announced a partnership in October 2024 to integrate Google's geospatial content with Bentley's infrastructure engineering software. The combination of Google Street View, Vertex AI, and Blynscy will improve the ability of departments of transportation, and the engineering firms and consultants supporting them, to identify areas of concern and analyze changes in the condition of roadway and transportation assets over time.

Google Street View's global panoramic imagery allows Bentley to provide detailed analysis of assets along with visual references, while Google's Vertex AI adds the ability to build and maintain models that alert transportation agencies of changes to infrastructure assets before they become safety hazards. These capabilities also provide a cost-effective solution for conducting rapid damage assessments during disaster recovery efforts. Google's Imagery Insights will be available in Blynscy in 2025.

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