

# Lowering Carbon. Delivering Results.

Advancing Sustainability Through Jobsite-Ready Solutions



## Turning Material Innovation into Construction Reality

Reducing embodied carbon is no longer a future objective—it's a current project requirement. Owners, developers, engineers, and contractors are increasingly challenged to meet ambitious sustainability goals while maintaining schedule certainty, constructability, and performance expectations.



**Heidelberg Materials helps customers bridge the gap between sustainability ambitions and real-world construction execution.**

Through technical expertise, operational readiness, and deep experience with innovative concrete technologies, Heidelberg Materials supports project teams in confidently implementing lower-carbon solutions that perform in the field.

## Customer Challenge

The customer sought a lower-carbon concrete solution that could support sustainability goals while performing reliably in real construction conditions. Heidelberg Materials partnered with the customer to conduct a pilot pour and validate the material's readiness for production, placement, and finishing in the field.



# Heidelberg Materials Solution

Heidelberg Materials worked alongside the customer through every phase of implementation—from testing and validation through production and placement.



## Technical Validation

Trial mixes were developed and tested in Heidelberg Materials' regional laboratory to confirm performance and establish confidence before field deployment. Additional production-scale trial batches were completed to verify consistency and readiness for commercial operations.

## Production Readiness

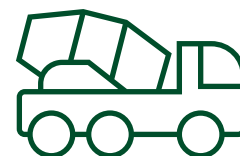
Recognizing that innovative materials require thoughtful implementation, Heidelberg Materials developed tailored batching and material handling procedures to support efficient and safe production operations. The project demonstrated not only material performance but also Heidelberg Materials' ability to operationalize emerging technologies at scale.

## Field Execution

Concrete was produced, delivered, placed, consolidated, and finished under real-world conditions. Heidelberg Materials closely monitored each stage of the process to ensure performance met expectations and to gather practical construction insights.

## Technology Ready. Commercially Ready.

From innovation to implementation, Heidelberg Materials helps customers achieve sustainability goals with confidence, reliability, and proven field performance.



**Building confidence. Advancing sustainability. Delivering results.**