



Transforming the  
Built Environment

# Higher Performing Concrete Lower Carbon Footprint

**CENTRAL**  
CONCRETE SUPPLY COMPANY





## Setting the Standard: Performance Beyond Strength

No producer can equal Central Concrete's deep expertise, experience, and level of strategic investment in sustainability.

Working with Central Concrete, architects get the expertise they crave and structural engineers get the confidence they require. No other producer has the capacity to serve both so effectively.

Central Concrete's track record says it all.

### Greater Experience

Central Concrete has been designing and successfully delivering high performance, low carbon mixes for more than a dozen years. Collaborating with architects and engineers, these smart carbon mixes are not only a powerful ingredient in transforming the built environment from a contributor to climate change to one that can become a massive carbon sink, but our mixes are recognized for their superior performance. This results in an unprecedented level of trust with the engineers we work with.

### Deeper Expertise

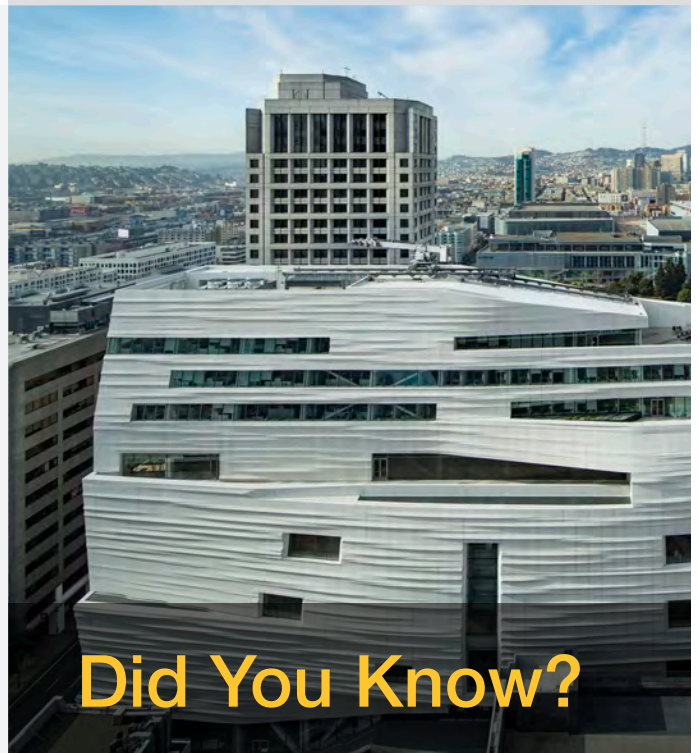
For Central Concrete, sustainable mix design is "business as usual". While most producers respond to sustainability piecemeal — and just for jobs that demand it — at Central Concrete every single mix carries a verified EPD and each mix design includes sustainability as a standard performance metric, just like PSI or slump.

In addition, we have one of the broadest and deepest technical teams in the Bay Area, served out of two labs. Our Quality Assurance Lab members have deep project experience, along with an in-depth understanding of the engineering performance of local materials and how to maximize the performance of each. As a result, architects and engineers turn to our technical team members, seeking solutions that meet their environmental targets, strength requirements, and the constructability and schedule demands of the project. The design community also has access to our parent company's national laboratory. Located in San Jose, U.S. Concrete's National Research Laboratory has secured patents for several innovations and works with teams to develop value engineering mix design concepts — advances that are constantly moving the market forward.

**Featured project photos** (clockwise)

**Front Cover:** 181 Fremont, San Francisco, CA | Comstock Housing, Stanford University, Palo Alto, CA | San Francisco 49ers Levi's Stadium, Santa Clara, CA **Center Spread:** Lucile Packard Children's Hospital, Stanford University, Palo Alto, CA | 601 City Center, Oakland, CA | NVIDIA Endeavor, Santa Clara, CA | Moffett Towers II Sunnyvale, CA | SFMOMA Expansion, San Francisco, CA  
**Back Cover:** Workday Campus, Pleasanton, CA





## Strategic Investments

Central's track record of investing in sustainability demonstrates a long-term commitment and ensures continued leadership. Recent investments include:

- CarbonCure, a technology that recycles CO<sub>2</sub> to reduce the carbon footprint of our mix designs while maintaining compressive strength.
- Acquisition of Polaris Materials by our parent company, U.S. Concrete. This secures access to the highest quality aggregates enabling us to further reduce Portland cement content while maintaining performance.
- Integrating Climate Earth's EPD tool in our submittal process, thereby delivering on-demand EPDs for every product offering.
- Open Access Green Mix Selector: For the first time, architects and engineers will have simple web access to see the range of impacts for any mix design. Leveraging EPD data from thousands of mixes, a user will enter the required compressive strength and instantly see the high, low, median and average carbon impact for that strength. As a result, architects will know what is possible and engineers can specify carbon impact with confidence.

Central Concrete was the first ready mix company in the United States to adopt EPDs.





# Contact Us

## Project Collaboration

We can help you meet your environmental and performance requirements for your upcoming projects. Call us today to arrange a meeting to review your project before finalizing your specifications.

## Want to Learn More?

Design team members frequently ask us to review the following topics:

- Advances in the Development of Low, Carbon, Green Mixes
- Carbon Sequestration (including CarbonCure)
- Recycled Concrete Aggregate
- Returned Fresh Concrete
- Environmental Product Declarations
- High Strength Mixes: Taking on the Challenges of Today's Tall Buildings
- Engineering Concrete Mixes to Meet Your Needs: High Strength, Low Deflection, High MOE, Low Shrinkage, Self-Consolidating Concrete, Long-Distance Pumping, Permeability
- High Early Strength: Responding to Accelerating Construction Schedules
- Rapid Drying Concrete: Preventing Costly Flooring Failures
- Flowable Mixes: Reducing In-Place Costs; Improving Productivity
- Advances in Maturity Testing: Monitoring Concrete Temperature and Strength in Real-Time

## AIA Classes:

- We can also recommend AIA classes. Contact us to learn more.



### Contact

**Juan Gonzalez** | Sustainability Manager  
Central Concrete Supply Co., Inc.  
jgonzalez@us-concrete.com | 408.771.6261

### Headquarters

Central Concrete Supply Co., Inc.  
755 Stockton Ave.  
San Jose, CA 95126