



**TACA Members
Serving the
Community:**

Houston, TX

HOUSTON METHODIST CENTENNIAL TOWER



Photo/Houston Methodist



PROJECT
State-of-the-art hospital tower



LOCATION
Houston, TX



TYPE OF CONCRETE
Vertua, a lower-carbon ready-mix concrete



CONCRETE POURED
20,000 cubic yards



SCHEDULED COMPLETION
2027



CONTRACTOR
Vaughn Construction



SUPPLIER
Cemex



Photo/Houston Methodist

About the Project

The Houston Methodist Centennial Tower is a state-of-the art medical facility designed to help meet the needs of a growing patient population – both in Houston and throughout Texas. Located in the Texas Medical Center, the 26-story medical tower will include spaces dedicated to diagnostics and treatment, patient rooms and an underground parking garage. Levels 9 to 21 of the new tower will connect to the nearby Walter Tower via a series of vertically stacked connector bridges. The \$1.4 billion project will feature an outdoor rooftop garden on the 14th floor, complete with trees and landscaping to provide patients, visitors and staff with an outdoor respite in the heart of the Texas Medical Center. The tower is expected to open in 2027.

About Cemex

Cemex is a global building materials company that provides high-quality products and reliable services with a rich history of improving the wellbeing of those it serves through innovative building solutions, efficiency advancements and sustainability efforts. Its U.S. network includes eight cement plants, close to 50 strategically located cement terminals, nearly 50 aggregate quarries and more than 280 ready-mix concrete plants. Cemex has been repeatedly recognized for its efforts in sustainability and energy management, including earning U.S. EPA ENERGY STAR® Partner of the Year consecutively since 2019.



Photo/Houston Methodist

Cemex poured concrete safely and efficiently for 20 continuous hours without affecting access to the busy medical center.

In 2023, Cemex provided more than 20,000 cubic yards of Vertua lower-carbon concrete for Houston Methodist Hospital's Centennial Tower, the newest addition to the largest medical complex in the world.

Cemex contributed high-quality building materials, including lower-carbon concrete, during the early project stages, placing 11,000 cubic yards for the tower's foundation. The pour presented several logistical challenges, primarily that it could not interfere with the hospital's emergency services. In collaboration with Vaughn Construction, Cemex was able to safely pour for 20 continuous hours without affecting access to the busy medical center.

Cemex used Vertua, their portfolio of sustainable products that leverage cutting-edge technology and innovation to help clients meet their construction needs sustainably. Vertua allows builders to tailor their projects' sustainable characteristics through five specific and measurable attributes: lower carbon, energy efficiency, water conservation, recycled materials and design optimization.

The Vertua portfolio is part of Cemex's Future in Action program, which focuses on achieving sustainable excellence through climate action, circularity and natural resource management with the primary objective of becoming a net-zero CO2 company by 2050.



Scan for official project video.

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About The Texas Aggregates & Concrete Association

The [Texas Aggregates & Concrete Association \(TACA\)](http://Texas Aggregates & Concrete Association (TACA)) is the main resource for the aggregate, concrete, cement and other associated industries in Texas. The association represents its member companies by providing industry information to the public, media, policymakers and regulators; advocating for industry issues; ensuring member companies commit to conducting business with integrity, respect, transparency and honest communication; and creating industry training courses and materials that help members effectively manage their businesses.