



SUPERCAP[®]

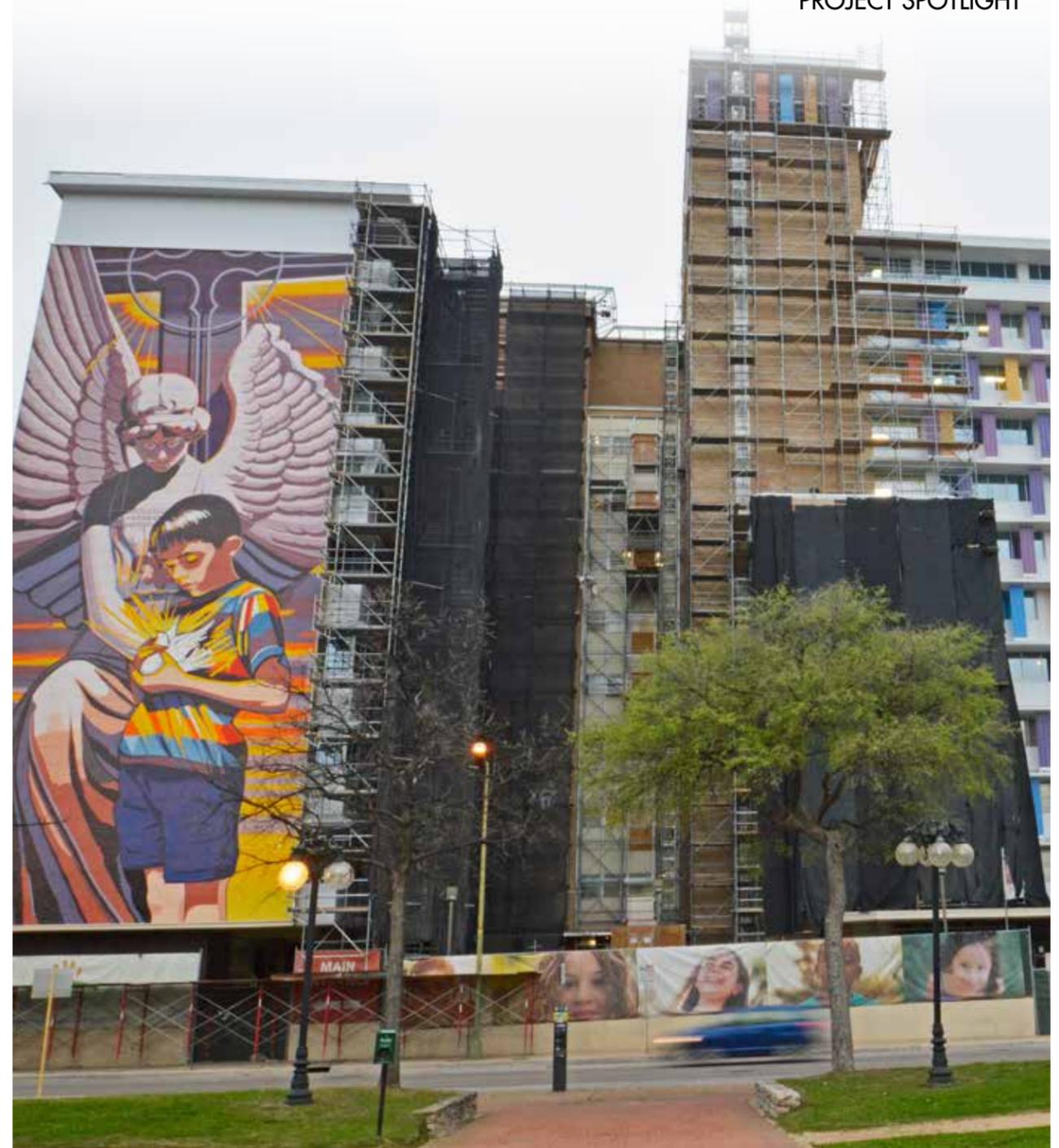
The Next Generation Slab[®]



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PROJECT SPOTLIGHT



SANTA ROSA CHILDREN'S HOSPITAL

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CUSTOMER
Santa Rosa Children's Hospital
San Antonio, TX

APPLICATOR
Intertech Flooring
San Antonio, TX

GENERAL CONTRACTOR
Bartlett Cocke
San Antonio, TX

ARCHITECT
Overland Partners
San Antonio, TX

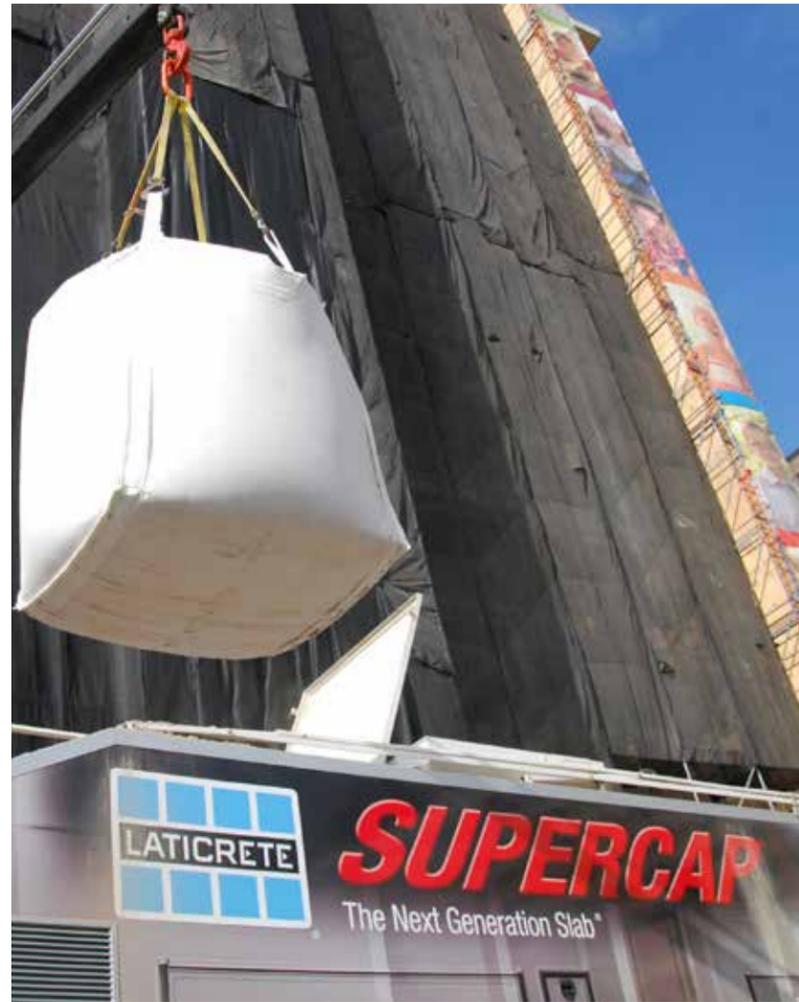
Situation

The Santa Rosa Children's hospital is over 100 years old and is located in the heart of downtown San Antonio. The hospital made many early medical advances, including the creation of a dedicated children's dental clinic, a three-story surgical tower, and a specialized medical unit for orthopedic patients. As the region's first facility dedicated solely to the care of children, Santa Rosa is a special place — a place where children and families go to get well.

When the Santa Rosa Health System decided to completely modernize and expand this pioneering facility in 2012, it was clear that only the best construction materials and systems would be acceptable. That is why general contractor Bartlett Cocke chose Intertech Flooring and the LATICRETE® SUPERCAP® System. Intertech Flooring is the exclusive LATICRETE SUPERCAP partner in Texas.

“ Intertech had to retrofit an existing facility. In this part of the hospital, the floors were 80-to-90 years old. It goes without saying, floors that old present a whole host of challenges. ”

~ Grant Imhoff,
LATICRETE SUPERCAP Sales Representative



Challenge

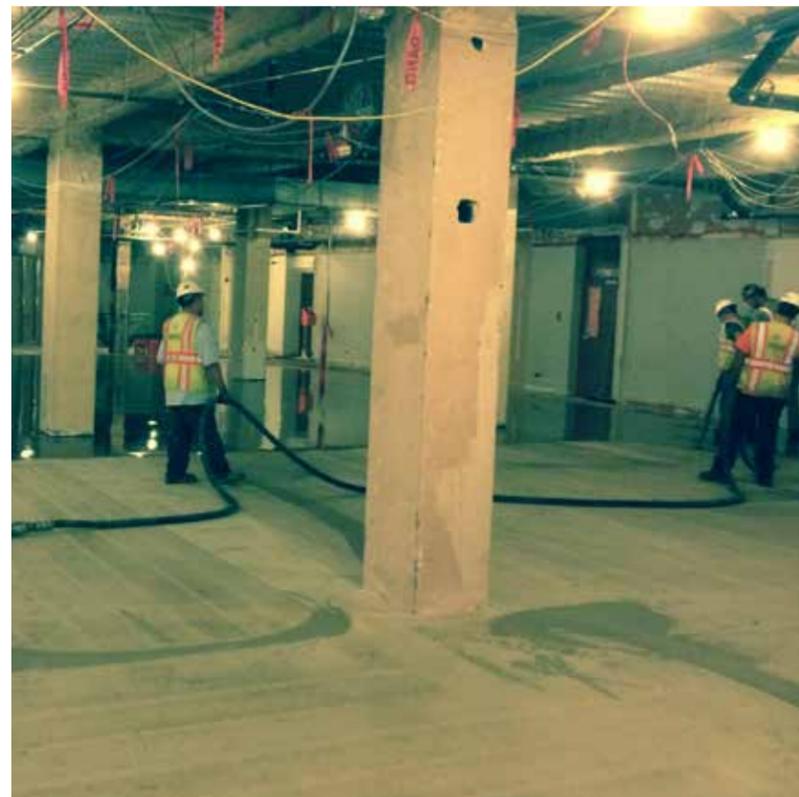
The project faced two major challenges:

CHOPPY FLOORS

While the old floors were worn, uneven and constructed using outdated methods, the project's most pressing challenge came after the floors' existing ceramic tiles were removed. The demolition process created divots and depressions in the underlying structure.

DUST

Keeping a clean and sterile environment is an absolute must in healthcare, and dust is a major impediment to a hospital's operations. Intertech's work occurred in a portion of the hospital while the rest of the facility continued to treat patients and dust needed to be minimized during construction.



Outcome

Thanks to LATICRETE SUPERCAP and Intertech Flooring, the Santa Rosa Children's hospital is now a larger, more modern facility.

As the nation's seventh-largest city, San Antonio's pediatric population is growing and continues to increase. LATICRETE SUPERCAP is proud to have played a role in making sure these needs are being met.

A LATICRETE® SUPERCAP® Solution

Addressing uneven floors and dust was not a problem for the LATICRETE SUPERCAP system.

The LATICRETE SUPERCAP System combines the industry-leading patented pump truck technology and innovative products to deliver flat, dry floors fast. For over a decade, LATICRETE SUPERCAP has delivered spectacular time-saving, cost-effective solutions that correct uneven concrete, reduce moisture vapor emissions and shorten build times. This system benefits entire projects from design to completion, all backed by the Industry Leader in globally proven construction solutions.

To ensure a smooth even finish, Intertech Flooring pre-filled the depressions and let the self-leveling LATICRETE SUPERCAP SC500 underlayment dry for an hour.

Once the prefill set, Intertech Flooring was able to pour and finish the rest of their work on each floor. Individual floors took only a day to complete allowing Bartlett Cocke and its trades the chance to start work the very next day.

LATICRETE SUPERCAP SC500 is a pumpable and pourable, low alkali cement-based, premium self-leveling underlayment based on a proprietary mineral binder system.

The minimization of dust is also an area where the LATICRETE SUPERCAP System excelled thanks to the fact the SC500 was mixed outside the facility, in the pump truck, and entered the building wet.

This process eliminated dust and allowed nearby portions of the hospital to function normally during construction.

