ST. DAVID’S NORTH AUSTIN MEDICAL CENTER

CUSTOMER
St. David’s North
Austin Medical Center

APPLICATOR
Intertech Commercial Flooring

GENERAL CONTRACTOR
DPR Construction

ARCHITECT
Earl Swensson Associates
As St. David’s North Austin Medical Center prepared to expand its Women’s Center of Texas in early 2014, the hospital knew it needed the right partners and materials.

The unique expansion called for the addition of a completely new floor on top of an existing structure.

This approach would add needed square footage to safely serve mothers and newborns who go to St. David’s for expert care and comfort. Given the use of the space, the work needed to be perfect. After all, a facility that cares for newborn children and mothers needs to be built to the highest standards.

That is why the general contractor on the project, DPR Construction, relied on Intertech Commercial Flooring and the LATICRETE® SUPERCAP® System to meet the project’s exacting requirements and get the job done right.

Intertech Commercial Flooring became the exclusive LATICRETE®SUPERCAP® applicator in Texas because they feel the system is a game-changer. Intertech Commercial Flooring needs the best technology available, technology that can take on tough jobs. Tough jobs like the addition of a new floor to a building.

Working with DPR Construction, the Intertech Commercial Flooring team engineered a solution using the LATICRETE® SUPERCAP® System to meet the project’s exacting requirements and get the job done right.

**Situation**

**Challenge**

Adding a new floor to St. David’s hospital presented two major challenges:

First, the original roof was not designed to function as a floor for patient care. This unique expansion required products that could handle high moisture emissions and uneven concrete surfaces present at the worksite.

Second, the expansion called for an improved approach to the installation of pre-fabricated modular bathrooms. Typically, these units are installed in one of two ways. But, neither approach could meet the strict requirements of the expansion’s design.

Under the first approach, modular bathrooms are placed on top of an existing subfloor and ramps are then installed to eliminate tripping hazards. However, the design of the hospital expansion called for flat floors with no ramps.

Under the second approach, modular bathrooms are placed into a depression that is saw cut and chipped into the floor. This approach is expensive, prone to error and, in the case of this expansion, would have taken up to six weeks to complete.

Put simply, St. David’s North Austin Medical Center needed a superior approach. An approach that would seamlessly integrate the bathrooms into the expansion’s new concrete flooring and would eliminate the need for saw cutting.

Working with DPR Construction, the Intertech Commercial Flooring team engineered a solution using the LATICRETE® SUPERCAP® System. This approach provided flat, dry floors that accommodated ½ inch (12.5 millimeters) recesses for standard modular units and 1 ¾ inch (43.2 millimeters) recesses for handicap modular units.

**Outcome**

Intertech Commercial Flooring’s use of the LATICRETE® SUPERCAP® System ensured the North Austin Medical Center received flush bathroom entries and flat floors free of moisture intrusion.

The expansion project was done to the highest standards. The entire job came in on time and on budget.