



# Floor Solutions

## Stonhard Replaces Damaged Vinyl Floors With Seamless Floors for Renowned Huntsville Hospital

The design group specified a stylized, long-lasting floor that would hold up to stains, remain ergonomic for staff members and muffle sounds.



Products used at Huntsville Hospital:  
• Stonres RTZ • Stonkleen SR9

For more than a century, Huntsville Hospital has been providing care for people throughout Northern Alabama and Southern Tennessee. In recent years, the hospital has expanded its service throughout the region with the development of Huntsville Hospital Health System, with more than 1,800 beds and 13,000 employees.

During the initial planning stages of an expansion project at the hospital, architects from Chapman Sisson Architects in Huntsville and hospital staff members envisioned an environment that would include “best practice” ideas from around the country, creating an ER and Trauma Center that would be cutting-edge in design and critically functional. After extensive planning, a new 45,000 square foot facility was constructed with design at the core of the project. The areas with the most design and performance requirements were the floors.

The hospital had experienced problems with its vinyl tile flooring throughout other areas of its facility, especially in the ERs.

Repairing cracked, stained and damaged vinyl involved shutting down much needed, round-the-clock areas. In addition to the necessary floor repairs, was the challenge of Betadine staining on OR floors. Betadine, a necessary antiseptic chemical that leaves yellowish-brown stains on traditional vinyl tile and sheet goods, is a chronic problem in healthcare facilities. The design group specified a stylized, long-lasting, easy-to-maintain floor that would hold up to Betadine staining, remain ergonomic for staff members who spend hours upon hours standing, and muffle the sounds from voices, wheeled carts and throngs of visitors each day. What one product could address all of these challenges? Stonres RTZ.

Stonhard’s Stonres RTZ is a seamless urethane floor system infused with urethane aggregate. This product not only impresses the design world with its progressive look but it also gives healthcare planners a sensitive, sensible floor solution for healthcare environments. Stonres RTZ provides exceptional ergonomic and sound-reducing qualities along with stain resistance. An integral coving material is troweled along floor bases and up onto



**The Stonhard Difference**

Stonhard is the unprecedented world leader in manufacturing and installing high-performance polymer floor, wall and lining systems. Stonhard maintains 300 Territory Managers and 175 application crews worldwide who will work with you on design specification, project management, final walk through and service after the sale. Stonhard's single-source warranty covers both products and installation.

Stonres RTZ's swirling patterns and warm colors create pathways and a welcoming, soothing environment for both patients and visitors at Huntsville Hospital.



walls for a sanitary, low-maintenance system. There are no seams or joints and no waxing is required. These floors can also stand up to the heavy loads found in hospitals. Furthermore, if Stonres RTZ floors are cleaned properly within eight hours of Betadine spills, no staining will occur.

Stonhard produces a fast-acting, easy-to use stain remover, Stonkleen SR9, to make stain removal easy and fail-safe. Maintenance staffs around the globe find this product simple and highly effective when used in conjunction with Stonres RTZ floors. Stonhard presented Stonres RTZ to the Huntsville Hospital planners as the "best practice" solution they sought for their emergent healthcare facility.

Warm earth tones of Stonres RTZ were chosen to create a contemporary, clean look as well as a soothing environment at Huntsville, in contrast to traditional hospital settings that are sterile and void of vibrancy. Swirling patterns, combined with tweed colors, create pathways to aid patients, staff and visitors with a directional status as well as provide a healing atmosphere.

Originally, the space that the ER and Trauma Center now occupies was intended to be a parking deck and in fact, the concrete slab had already been poured. When design plans changed from parking deck to a new facility for ER & Trauma, architects were concerned about how this would affect the permanent flooring. Stonhard installation crews leveled the concrete, applying a patching mortar before installing the Stonres RTZ.

Since this initial installation, an additional 25,000 square feet of Stonres RTZ floors have been installed in the "old" ER and Trauma Center at Huntsville.



Healthcare



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