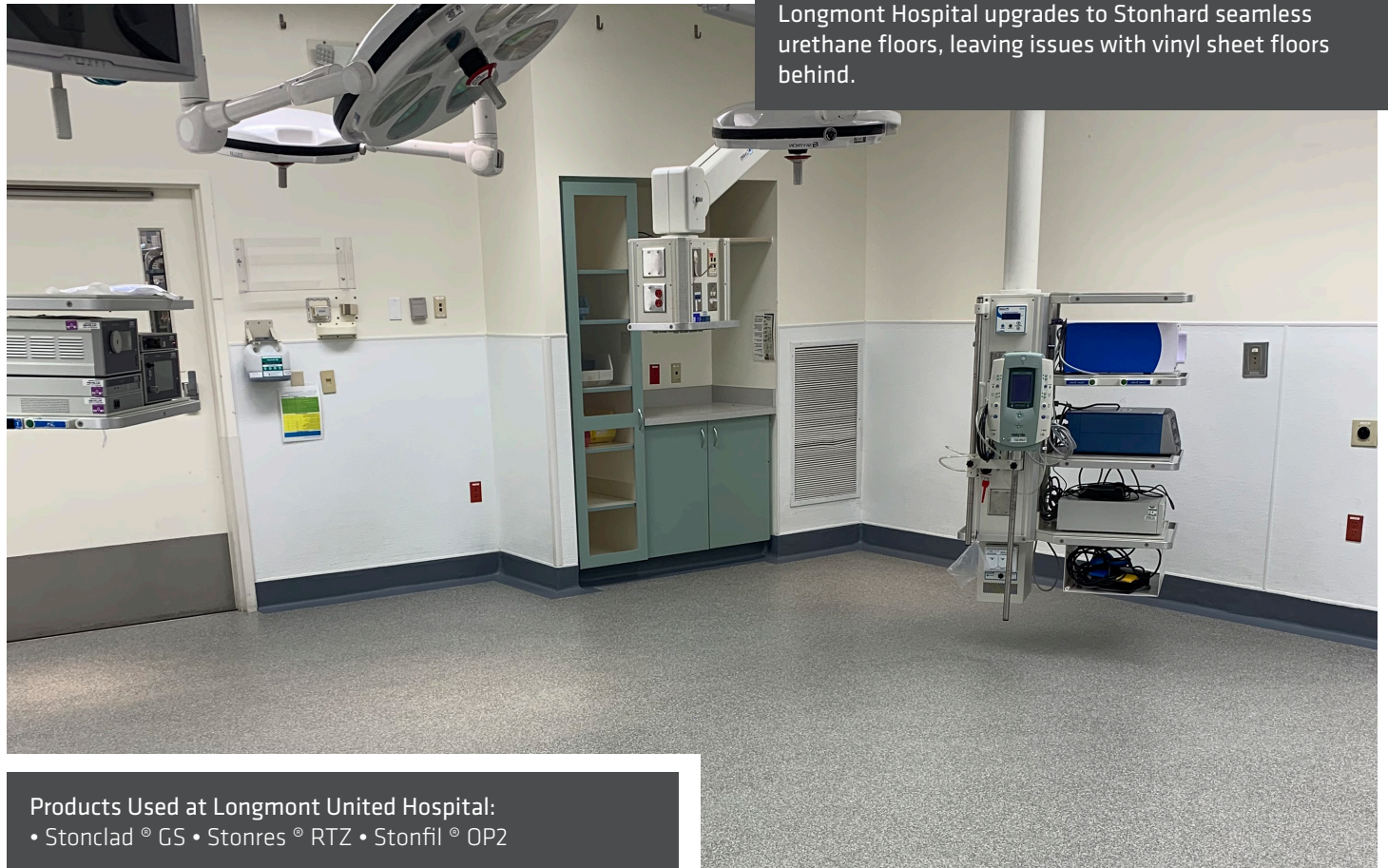




# Floor Solutions

## Hospital Chooses Stonhard Seamless Urethane Floors for Long List of Benefits



**Products Used at Longmont United Hospital:**  
• Stonclad ® GS • Stonres ® RTZ • Stonfil ® OP2

### Longmont's Commitment to Quality Leads to Stonhard Floors

Longmont United Hospital in Longmont, Colorado, is a full-service, non-profit acute care hospital and one of the first hospitals to be given the "Plantree" designation for implementing the philosophy of caring for the whole person -- mind, body, and spirit. Longmont specializes in women's services, orthopedics, cardiology, oncology, robotic surgery, and acute medical services. It also operates a Level III Trauma Center/Emergency Room.

Longmont's commitment to quality and care extends from medical treatments to the very building where professionals care for patients. Knowing that both staff and patients benefit from better hospital design, decision-makers recognized the need for new floors. Longmont chose Stonhard, the world-leader in manufacturing and installing high-performance seamless floors, to provide a long-term solution that would offer many needed benefits.

### Problems with Sheet Vinyl Flooring

Prior to Stonhard, the hospital had been dealing with issues from sheet vinyl flooring. Over time, due to moisture issues within the concrete, the floors began to bubble up, creating speedbump-like issues that hindered the rolling of equipment. This made day-

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to-day operations challenging. Longmont wanted to be assured they would not experience the same issues with a new flooring

system. With a Stonhard seamless floors and expert installation, they were guaranteed the problem would be permanently remedied.

To handle moisture issues, Stonhard applied a sealer and Stonfil OP2 to the concrete. Stonfil OP2 is a polymer-modified, cementitious, osmotic pressure-resistant grout that eliminates blistering of the floor caused by excess moisture from concrete slabs.

### **Specialized Flooring for Hospitals and Surgical Suites**

Once the moisture issues were dealt with, the Stonres RTZ seamless, urethane flooring system was ready to be installed. Longmont's renovation included six operating rooms, three corridors, and a storage room. Stonres RTZ, Stonhard's number one flooring system for hospitals, is a seamless, resilient urethane flooring system that offers distinctive design and several desirable performance benefits. The resilience of the floor offers noise reduction and comfort underfoot. Yet, it is also highly durable and resistant to chemical staining and attack, constant cleaning, foot traffic, equipment traffic, and impact from instruments. It is the perfect solution for operating rooms where surgeons and staff stand for long periods of time, drop instruments, use solutions like Betadine, and require stringent cleaning.

### **Cove Base Installation for Hygiene and a Finished Look**

In addition to the Stonres RTZ flooring system, Stonhard installed a Stonclad GS epoxy mortar cove base. Cove bases make cleaning procedures easier and a facility more hygienic. They prevent water, bacteria, dirt, and insects from collecting and hiding under walls. A cove base will also better protect walls from damage by carts and equipment. Beyond the functional aspect, a cove base creates an attractive, finished look from floor to wall.

### **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.

### **Stonhard's Phased Installation**

The Longmont installation was split into four phases. While phase one was underway, the hospital was still able to complete scheduled surgeries using temporary walls and a negative-pressure setup that filtered any airborne particles to the outside. Stonhard expert installers successfully shielded the rest of the hospital from odors and noise, a major concern of the hospital prior to installation.

### **Feels Better, Looks Better, Performs Better**

Longmont now enjoys an attractive floor without blistering and staining and the nurses report being extremely happy about how the new floors feel on their feet in comparison to the old sheet vinyl. Stonres RTZ is soft enough for walking and standing, but durable enough to make moving equipment easy. In addition, when the hospital encounters Betadine stains, they are now easily able to remove them with Stonhard's Stonkleen cleaning product installed in dispensers within each room.



Healthcare



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