



# LUCILE PACKARD CHILDREN'S HOSPITAL STANFORD

## Project Spotlight



**GENERAL ARCHITECT:**

Perkins + Will  
Hammel, Green and Abrahamson, Inc.  
Mazzetti  
San Francisco, CA

**BUILDING OWNER:**

Lucile Packard Children's Hospital Stanford  
Palo Alto, CA

**INSTALLER/DESIGNER:**

Drostle Public Arts  
Erith, United Kingdom

**DISTRIBUTOR:**

Winckelmanns  
Paris, France

**LATICRETE MANUFACTURING PLANT:**

Corona, CA

# Lasting Art Installations Help Transform New Northern California Children's Hospital



## The Situation

After more than a decade in the making, Lucile Packard Children's Hospital Stanford recently opened the doors to its new state-of-the-art building. At 521,000 square feet (48,402 square meters), the new building depicts California's diverse ecosystem and natural beauty, with each floor representing a native eco-region.



In a press release announcing the opening, the hospital describes the new 149-bed facility as being designed to transform the patient and family experience through nature and play. Its founder, the late Lucile Salter Packard was a known advocate for treating both the patient and their family, not just the illness. With this in mind, lead architect Robin Guenther, a principal with the architectural firm Perkins + Will in association with Hammel, Green and Abrahamson, Inc. and Mazzetti, set out to fulfill Packard's vision by designing one of the country's most sustainable children's hospitals.



To bring to life two mosaic tile designs representative of California's seashore and the Redwood Forest, international award-winning mosaic artist Gary Drostle and his company, UK-based Drostle Public Arts, created and installed 19 hand-cut mosaics using Winckelman Unglazed Porcelain, a set of bronze medallions and 700 hand-cast glass leaves to be set in a specially-designed terrazzo floor. After nearly two years of craftsmanship, Drostle's designs were installed in the ground floor lobby area of the hospital and first-floor central corridor using LATICRETE products.

"For each portion of our mosaic tile work, there was an appropriate LATICRETE® product to ensure a lasting installation and bring the 'wow' factor with a pop of color in the grout. More importantly than that, each of the products

chosen has received multiple certifications and declarations, including Health Product Declarations (HPD), Environmental Product Declarations (EPD) and UL GREENGUARD Gold Certifications for low chemical emissions for sustainable living," said Drostle.

As the former president of the British Association for Modern Mosaic and a regular teacher and juror at the Society of American Mosaic Artists, Gary Drostle brought more than 30 years of experience of creating large-scale public mosaics for floors with him to the jobsite.

## The Challenge

**Installation Interference:** Installing fine hand-cut mosaic is always a challenge due to the tolerance required in the setting of the work. To make this installation possible, Drostle and his team needed the specified LATICRETE products to deliver superb bond strength that would hold the adhesive bond between the mosaic sheet, while retaining a good open time for the slow and precise mosaic tile adjustments.

**Tight Timeline:** The tile work for Lucile Packard Children's Hospital Stanford needed to be completed speedily on a jobsite with many other contractors demanding the same workspace. Products used needed to be formulated with rapid-curing properties to meet efficient timelines.

## A LATICRETE Solution

Once on site to begin the mosaic panel installation, Drostle Public Arts' installation crew applied NXT® Level, a cement-based underlayment for use in leveling interior substrates, on the ground floor lobby area and

first floor central corridor. This product was selected to produce a flat, smooth and hard surface for the finished mosaic tile installation. Once cured, NXT Level is durable, fire- and heat-resistant, non-combustible, non-sensitive to moisture and maintenance-free, making it optimal for use in a healthcare facility.

To adhere the 19 mosaic panels to their respective flooring areas, 254 Platinum was specified for its superior strength and bond. Designed for a simple install, the one-step polymer fortified mortar only requires water for mixture and has a long open time for enhanced workability.

PERMACOLOR® Select<sup>^</sup>, an advanced high-performance cement grout that offers the industry's first dispersible dry pigment solution, was used to grout all of the mosaic tile installations. With PERMACOLOR Select, Drostle Public Arts gained increased productivity and time savings on the jobsite, thanks to a faster time-to-grout and foot traffic permitted in as little as three hours. To add a pop of color, the team opted to use a PERMACOLOR Color Kit for a glossy Raven tint.

## Outcome

“Dale Foster, the local LATICRETE representative, was invaluable to the success of this project. As an international team traveling in for the installation, Dale quickly became the ‘go-to guy’ for any technical or logistical inquiries,” added Drostle. “Dale was on hand for any issues and continuously supplied help as the job progressed.”

In April of 2018, Lucile Packard Children's Hospital Stanford announced that its new main building was awarded LEED Platinum status, the highest designation for sustainability recognized by the U.S. Green Building Council. Thanks to the architectural prowess of the Perkins + Will, Hammel, Green and Abrahamson, Inc. and Mazzetti team and leadership from the hospital, Lucile Packard Children's Hospital Stanford is one of just five hospitals in the world — and only the second children's hospital — to achieve LEED Platinum certification.



“Over the years, our company has had great success using LATICRETE and their full range of quality products. We knew this time would be no different.”

– Gary Drostle,  
Mosaic artist at Drostle Public Arts

<sup>^</sup>United States Patent No.: 6784229 B2 (and other Patents).



LATICRETE International, Inc. ■ One LATICRETE Park North, Bethany, CT 06524-3423 USA ■ 1.800.243.4788 ■ +1.203.393.0010 ■ [www.laticrete.com](http://www.laticrete.com)

A8512-0718 ©2018 LATICRETE International, Inc. All trademarks shown are the intellectual properties of their respective owners.