

GLAZING PROFILE

HEALTH CARE

Crawford Tracey offers All Children's Hospital a Colorful Glazing Solution with Powerful Protection!

The new All Children's Hospital (ACH) in St. Petersburg, Florida was being built when Hurricane Katrina devastated New Orleans, and the lessons learned about hospital preparedness were not lost on ACH. To offer patients the highest level of care possible, no matter what the weather, ACH was determined to incorporate some of the most powerful hurricane-resistant technologies available. However, they did not want the hospital to look like a fortress; it had to be light and bright and accessible to the children it serves.

The design by Karlsberger called for a 10-story building full of windows. Studies have shown that in hospitals, daylight interiors can help buoy patient morale and improve healing. However, at ACH, glass needed to be able to provide hurricane protection as well as frame the views. Contractor Brasfield & Gorrie turned to Crawford Tracey for a glazing solution that offers powerful protection – as well as cheerful bursts of color.

To give the hospital a fun and cheerful aesthetic, the team at Karlsberger designed the building with bold splashes of color. "We wanted the patient rooms to be cheerful and colorful, and we extended that aesthetic into the glass windows," says project architect Ted Heldenbrand at Karlsberger. "We introduced bold pantone colors on the entrance canopy, in the stairwells and in large bollards near the entrance; and we repeated those colors in the glass."

To give the hospital the hurricane protection it desired, Crawford Tracey installed its Pro-Tech 45SG aluminum window wall system and Pro-Tech 7SG aluminum glazed curtain wall system. The Pro-Tech systems provide the hospital with tremendous impact resistance, energy performance and water resistance. In fact, the systems have been tested to withstand hurricane-force winds of up to 130 miles per hour.

All Children's Hospital



PROJECT DETAILS

Project Name & Location

All Children's Hospital - St. Petersburg, FL

Contract Value

Project: \$216 Million, Glazing: \$4.2M

Glazing Systems

Crawford Tracey ProTech 7SG

Architect

Karlsberger Architects

General Contractor

Brasfield & Gorrie

Glazing Contractor

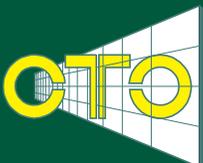
Crawford Tracey Corporation

Glass Fabricator

Viracon

PVB Interlayer Manufacturer

Vanceva by Solutia, Inc.



crawfordtracey.com

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Founded in 1956, Crawford Tracey Corporation provides innovative, quality glazing systems. The company developed, tested and installed the first impact-resistant, four-sided, structurally glazed system in the United States and continually offers unique designs to meet specific project needs.

Crawford Tracey offers a complete line of impact-resistant window and door systems for commercial and residential construction applications. The company designs, manufactures and installs all of its products with unsurpassed quality and customer service. An experienced, quality-minded staff ensures the timely completion and quality product that continues to meet or exceed the expectations of general contractors, architects and owners alike.

GLAZING PROFILE :: All Children's Hospital (cont.)



For the glass itself, Crawford Tracey used laminated glass with Vanceva interlayers by Solutia, Inc.. When incorporated into glazing systems, these polyvinyl butyral (PVB) interlayers offer powerful, code-approved impact protection. They also offer the added benefits of laminated glass, including safety, security, enhanced solar protection and sound insulation. In addition to these benefits, Vanceva also allows color to be incorporated into the glazing.

Vanceva interlayers are available in nearly any color imaginable. Because they are incorporated between two layers of glass, the interlayers will not fade or peel. This means, colors will stay bright and vibrant for the life of the glass.

Crawford Tracey supplied and installed 46,000 square feet of glass in the project, carefully coordinating color

placement with the architectural design team. The result is a light, bright children's hospital that is a veritable fortress against storms. The glazing systems give the building powerful hurricane protection, ensuring that the hospital will be able to serve the needs of its patients – no matter what the weather.

Those same glazing systems also infuse the hospital with a kid-friendly aesthetic, creating a place that inspires children to heal. Heldenbrand agrees: "It's a building with a simple, but elegant form. The glass makes it pop."

MORE CRAWFORD TRACEY PROJECTS

(for a list of recent projects go to www.ctcaia.com)

Florida Hospital (Orlando, FL) - Health Care: over 50,000 square feet of pre-glazed curtain wall

Nova University (Ft. Lauderdale, FL) - Education: skylights, curtain wall and fixed windows for multiple buildings

5th & Alton Retail Complex (Miami, FL) - Retail/Mixed Use: curtain wall and storefront windows

Broward County Courthouse (Ft. Lauderdale) - Government: retrofit curtain wall and fixed windows