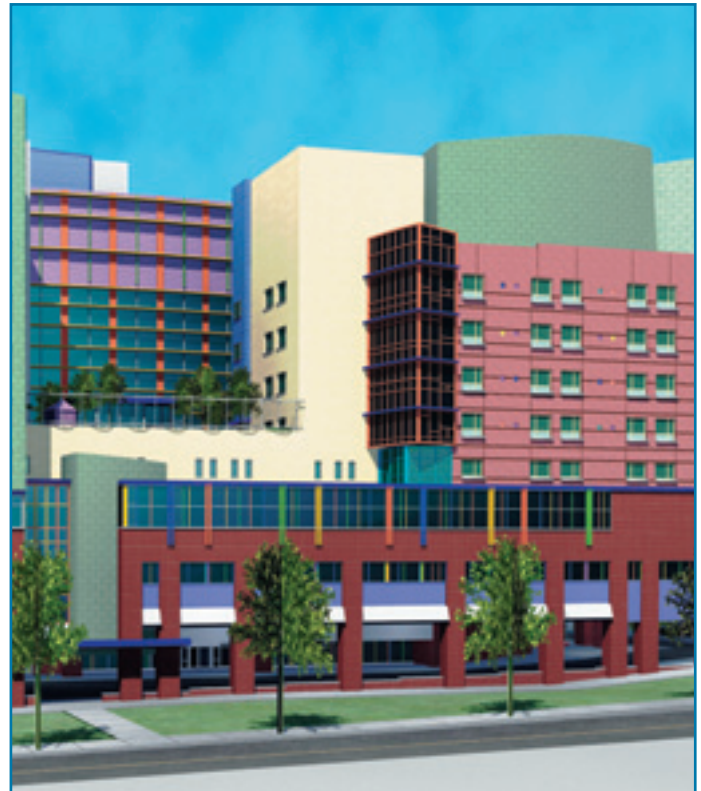




CHILDREN'S HOSPITAL OF PITTSBURGH OF UPMC PITTSBURGH, PA

Owner:	UPMC Pittsburgh, PA	
Architect/Engineer:	Astorino Pittsburgh, PA	
General Contractor:	Barton Malow Southfield, MI	P.J. Dick Corp. Pittsburgh, PA
Glass Fabricator:	Arch Aluminum & Glass Co., Inc. Kansas City, KS	
Glazing Subcontractor:	D-M Products, Inc. Bethel Park, PA	
Coatings Applicators:	Kawneer Bloomsburg, PA	Valley Metal Finishing Concord, ON, Canada
Interior Paint Subcontractor:	T.D. Patrinos Painting & Contracting Pittsburgh, PA	
PPG <i>IdeaScapes</i> Products:	Sungate ® 500 Low-E Glass Atlantica ™ Spectrally Selective Tinted Glass Duranar ® Coatings Arctic White, Bonnie Bell Blue and Haze Blue Coraflon ® Coatings AZC Yellow, Parrot Green, Process Blue, Flemish Blue Coraflon ® ADS Coatings Purple Pure Performance ® Paint Pitt-Guard ® Aquapon ® Rez ® Perma-Crete ® Speedhide ®	



PROJECT OVERVIEW:

Sustainability, color and dynamic design characterize the new *Children's Hospital of Pittsburgh of UPMC*. Occupying the former 10-acre site of an urban medical center in Pittsburgh, the new facility features a 1.4 million-square-foot campus encompassing four distinct facilities anchored by the 13-story hospital and the 300,000 square-foot John G. Rangos, Sr. Research Center.

The primary goal of the hospital's architects and designers is to provide a healing environment, an outcome that is being further guaranteed by their efforts to achieve LEED® certification. Among the patient-centered highlights of the

building — designed by Pittsburgh-based Astorino — are colorful building materials; welcoming, child-friendly shapes; a state-of-the-art indoor air filtration system and a signature rooftop "Healing Garden."

The hospital is also taking advantage of its proximity to Pittsburgh-based PPG. First, by incorporating environmentally progressive glass, coatings and paint from **EcoLogical Building Solutions**™ by PPG, and second, by using regionally sourced construction materials.

To help achieve their sustainability objectives, Astorino is glazing portions of the building in two PPG products. The first, **Sungate**® 500 glass, combines a clear glass appearance with high levels of visible light transmittance and the added advantage of a low solar heat coefficient (SHGC). That means, in addition to permitting high levels of natural sunlight, the glass blocks a large percentage of the sun's heat energy, which cuts energy consumption associated with air conditioning and other temperature controls.

The second product, **Atlantica**™ glass, which was chosen for its stunning emerald-green aesthetic, also supports the architects' sustainability goals by blocking 65 percent of the sun's heat energy while transmitting 60 percent of its natural light.

From an architectural standpoint, one defining element of the new Children's Hospital is its brightly colored exterior, using vivid **Corafilon**® coating colors such as yellow, green and various shades of blue. These colors are designed to exude a sense of cheerfulness, vibrancy and warmth, not just for people in the hospital but also to the busy city neighborhood that surrounds it.



Above: Pure Performance paint, a zero-VOC paint by Pittsburgh Paints, is being used to coat the interior walls and trim at the new Children's Hospital in Pittsburgh.

Corafilon and **Duranar**® fluoropolymer coatings were used to coat the storefronts, sunshades and exterior covers that are part of the curtainwall. In addition to their proven fluoropolymer chemistry and durability, both **Corafilon** and **Duranar** coatings are noted for their low maintenance requirements and exceptional color retention. As a result, the storefronts and sunshades will maintain their colorful good looks without experiencing the negative environmental impact associated with future re-paintings and re-coatings.



Inside the building, Astorino is helping to create a healthy environment by installing low-VOC sealants, adhesives and floor coverings. Not coincidentally, **Pure Performance**® paint by Pittsburgh Paints is being used to coat most of the interior walls and trim.

Introduced by PPG in 2001, **Pure Performance** paint was the world's first premium-quality zero-VOC latex paint. That claim was substantiated later that year when it became the first product of its kind to earn Green Seal's rigorous Class A certification. The designation meant that **Pure Performance** paint met strict environmental requirements related to energy consumption, chemical composition, and the absence of VOCs, as well as exacting standards for specific performance criteria, such as scrubability, hiding power and washability.

For more information on **EcoLogical Building Solutions**™ from PPG, visit www.ppgideascales.com or call 1-888-PPG-IDEA.