

**Project:** University Medical Center at Princeton  
Plainsboro, NJ

**Architect:** HOK, New York, NY and RMJM Hillier, Princeton, NJ  
(now RMJM - New York, NY)

**Products:** C/S Exterior Sunshade Trellis & C/S Interior Wood  
Wrapped Airfoil Blades



When the University Medical Center at Princeton in Plainsboro, NJ, (UMCPP) opened its doors in May 2012, Construction Specialties (C/S) products were some of the first things visitors saw. Rising above the curving glass curtain wall on the south facing side of the building is C/S Sunshade Trellis. The system runs horizontally above the building to provide shade during mid-day high sun angles.



Inside the expansive atrium is filled with natural light from windows that span the length of the building. C/S Wood Wrapped Airfoils, a new interior shade product, are positioned strategically in front of the windows to help regulate and diffuse the sunlight. Used in conjunction with screening attached to the exterior curtain wall reduces the energy required to heat and cool the facility. The same shades are used as an aesthetic feature in other interior areas.

UMCPP provides the latest in technology and patient-centered care as well as the best in a responsible, sustainable design approach. Utilizing and controlling the natural light used in 90 percent of patient care areas enables the hospital to achieve a 25 percent energy reduction over one with conventional energy infrastructure.

Although not seeking certification the building was designed to meet U.S. Green Building Council guidelines for the Leadership in Energy and Environmental Design (LEED) standards. Construction Specialties (C/S) is proud to help UMCPP meet this goal with our innovative Sun Control products.

### At a Glance

- Exterior sun controls provide shade from mid-day sun
- Interior sunshades diffuse natural sunlight
- Available in numerous blade and outrigger styles
- Can reduce a building's energy use
- Natural wood wrapped airfoils help the atrium feel warm and comforting
- Cradle to Cradle Certified™ Silver\*

\*Clear anodized and C/S Powder Coat Finishes

 **CS Sun Controls**

<http://wwwwc-sgroup.com/sun-controls>  
800.631.7379