

## UNICEL SKYLIGHTS SURPASS THE STANDARDS



Skylights not only enhance the esthetics of a house or building but they also allow more day lighting and therefore minimize cost of energy.

What makes the Unicel Architectural skylights really unique is the ability to build sophisticated skylights for different

architectural purposes such as daylight and heat control, sustainable design, enhanced aesthetics and energy savings.

Architects prefer specifying our skylights thanks to their energy efficiency features. According to recent research, a skylight with a Vision Control® glazed area of 5,000 square ft. will reduce capital cost by \$25,000 and will annually save \$18,000 in operational energy cost compared to a similar double-glazed structure.

We have given the mandate to Air-Ins Inc. with a team of engineers specialized in performance evaluation of building envelope components, to test our skylight with integrated Vision Control® units.

Air-Ins is an independent testing laboratory accredited by the Standard Council of Canada (SCC), the Canadian Standards Association (CSA), the American Architectural Manufacturers Association (AAMA) and the National Fenestration Rating Council (NFRC). They are also approved by the Florida Building Code

and recognized by the Canadian Construction Materials Centre (CCMC).

Our skylight was tested at the minimum angle, from the horizontal, such as it is designed to be installed. Only the outer perimeter of the skylight was sealed to a chamber wall.

All parts of the test specimen were at full size, using the same materials, details, and methods of construction and anchoring as used on an actual building.

Extreme water pressure was projected from a massive 18 cylinder Pratt and Whitney airplane engine equipped with a 4.1 meter (13 foot) propeller, capable of generating wind speeds of up to 170 km/hr (106 miles/hr).

A series of tests were conducted to examine the resistance to water penetration, condensation and forced entry as well as to thermal and impact resistance. The tests were completed and the results even surpassed the standards.

Rest assured that the Unicel Architectural skylights are built to conform to the strictest standards. Contact the Unicel sales team for more information.

A video of the Air-Ins test will be added to our website this September.



## HOSPITAL BUILD EXCEEDS UNICEL'S EXPECTATIONS

Hospital Build Middle East was a success, with more than 65 exhibiting companies from 14 different countries and an attendance of 1782 visitors and delegates. Excellent feedback was received from exhibitors, delegates, speakers and visitors alike. As the first Hospital Build event in the Middle East, Dubai was the right choice for this event considering its popularity and hub between East and West.

It is important to note that the UAE has the highest number of hospitals in construction in the region as US\$14bn will be spent on healthcare and hospital construction in the Gulf Cooperation Council (GCC) area. This investment is also expected to generate a host of opportunities for the private sector as governments look to share the burden.

It is estimated that the six Gulf Co-operation Council countries - Saudi Arabia, Qatar, the United Arab Emirates, Kuwait, Bahrain and Oman - will triple health spending to US\$60bn by 2025, says McKinsey, of the consultancy group. It is expected that investments will come from both governments and companies. At present, GCC countries spend about 4% of their gross domestic product on

healthcare, shouldering more than 75% of all investment in the sector.

The Hospital Build Exhibition and Congress provides a crucial platform for the healthcare industry across the region. The Unicel Architectural sales team successfully met with high profile professionals and decision-makers from key markets. As an exhibitor we appreciated the administration and services for the show.

Unicel will be back in Dubai in November for the Big 5 show (23rd - 26th of November 2009). Big 5 is the annual meeting place for all construction industry professionals worldwide. <http://www.thebig5exhibition.com>



## HOT ... HOT ... HOT NEW MARKETING MATERIAL!

- New Vision Control® Medical Brochure
- Revised Unicel Technical Catalogs with up-to-date information
- The Air-Ins test video: a 2-minute DVD featuring the Unicel Skylight tested under extreme harsh conditions. Proof that our motorized Vision Control® skylights can withstand harsh weather. (Available in September)

Contact the Unicel sales team to order.

