

## NEW STATE-OF-THE-ART PATIENT CARE CENTRE ENHANCED BY DUPONT™ CORIAN®

There are a lot of things to consider and materials to select when you're building one of Canada's newest and most advanced centres for patient health care.

The legacy of commitment to exceptional care extends back more than 120 years at the Vancouver Island Health Authority's Royal Jubilee Hospital (RJH), located in Victoria, British Columbia. This century-and-a-half legacy guides the thinking and serves as a foundation for the hospital's new, state-of-the-art Patient Care Centre (PCC), which is scheduled for completion in December, 2010. The first patients are expected to occupy the 500-room, eight-story centre in February 2011.



When it's open and operating, the PCC will be:

- The first "Pacific Green" hospital in Canada, which means that energy efficiency and environmental sustainability will be incorporated in the building;
- The first "Elder Friendly" acute care hospital in North America – designed to create a safer and more therapeutic environment by responding to the natural changes that occur when people age; and
- An "Irresistible Workplace" for health care providers, such as nurses and physicians, who will be drawn to the facility to enjoy a high level of job satisfaction and safe work environment, which should contribute to excellent patient outcomes.

The 400,000-square-foot PCC is a "Pebble Project," which means that it has been designed to make a difference in improving patient and staff outcomes, as well as operating efficiency. The Pebble Project is a research initiative of The Center for Health Design and selected health care providers across Canada and

the United States. The Center, based in California, promotes research in the areas of clinical improvement, patient and family satisfaction, organizational change and financial performance.

By adhering to the latest health care and energy efficiency standards, the PCC is expected to achieve a LEED (Leadership in Energy and Environmental Design) Gold standard. It will have larger, mostly single-patient rooms that provide better privacy for patients and families. With up-to-date space and equipment, the hospital's improved working conditions for health professionals will enhance the staff's ability to control infections and provide better care to patients. "Protecting our patients and staff from hospital-acquired infections is critical to delivering safe, high quality care," said Dr. Lynn Stevenson, Vice President, People, Organizational Development, Practice and Chief Nurse at RJH. "The seamless surfaced hand washing sinks in the new Patient Care Centre will make a significant contribution to our commitment to safety."

Using DuPont™ Corian® as a key surfacing material throughout the centre is helping the hospital to achieve these important objectives.

**Denise Blade**, General Manager for ISL Health – the consortium of B.C.-based construction and architectural firms involved in the centre's development – was already aware about the many benefits that Corian® offered. Based on her years of experience working on similar projects for Health Care Projects Ltd. in the United Kingdom, she knew that while Corian® might cost a little more, it would be "hard to beat" when it came to meeting the requirements for infection control and durability.





*Integrated Sink and Countertop in Patient Washroom*

Initially, Corian® was going to be used in the hand wash areas in the patient bedrooms. However, the ability to easily form Corian® into seamless surfaces resulted in its use being expanded to the patient bathroom surfaces – including the countertops, sinks and backsplashes.



*Handwash Sink outside Patient Room*

With a rainbow of colours and aesthetics to choose from, Corian® was also an outstanding choice to enhance the appearance and appeal of the centre for patients, staff and visitors.

“We have been able to achieve a look that is more home-like and reassuring instead of institutional,” according to Denise. “At the same

time, we know it will stand up to continuous heavy use in potentially demanding settings.”

“The use of Corian® at the Royal Jubilee Hospital is another example of how it’s ideally suited for health care settings,” said Nancy Wiskel, Commercial Segment Manager for DuPont Building Innovations in Canada. “Its non-porous and smooth surface does not support microbial growth, which is critical for infection control. It’s easy to clean and repair, and it’s non-toxic and non-allergenic.”



In fact, Corian® meets some of the toughest standards, including guidelines for the design and construction of health care facilities set by The American Institute of Architects. For example, Corian® resists damage from a wide range of common health care stains, such as blood and plasma. It can be used across all facility areas to make a wide range of items, such as basins, faucet stems, handrails, shower walls, integrated soap dishes, full wall cladding and toilet partitions.

With its combination of outstanding performance and beauty, the possibilities for Corian® in health care facilities are almost limitless.



Corian® is a solid surface material made from a blend of natural minerals with acrylic that offers superior design possibilities and excellent long-term performance. All Corian® colors are GREENGUARD Indoor Air Quality Certified®, GREENGUARD for Children & Schools<sup>SM</sup> Certified® and listed with the GREENGUARD Microbial Resistance Listing Program.

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