



BC Cancer Research Centre

Vancouver, British Columbia

Architect

IBI Group, Peter Wilmse & Ivo Talker; Henriquez Partners

General

Ledcor, Bruce Dale

Sub-Contractor

Celtic Contractors Ltd., John Gallagher



* Information presented in this project profile is for illustration purposes only. Please consult the appropriate system manufacturer or design authority for system specifications and instructions for any specific system or assembly. Georgia-Pacific Gypsum does not provide roofing design services.



At BC Cancer Research Centre, Dens® Brand Fiberglass Mat Gypsum Helps Support Mould-Resistant Conditions for Research*

There's a spectacular landmark in the Vancouver, British Columbia skyline: the BC Cancer Agency's BC Cancer Research Centre. At this state-of-the-art research facility, scientists and researchers perform leading-edge cancer research and their discoveries are quickly translated into real-world clinical applications.

The vital and exciting research conducted at the facility actually became the inspiration for the architecture of the 231,000 square foot building. For example, the 15-story building features a dramatic DNA "double helix" stairway and modular floors allow technical equipment to be moved about easily as research needs change. The stringent requirements of research also influenced the choice of building materials. DensArmor Plus® Interior Panels were selected for the laboratory areas as an important way to help reduce the potential for mould growth for the research centre.

"Whether visible or not, it's a fact of life—and nature—that most buildings have traces of mould in their wall cavities and indoor air," explains Leo Bissonette, regional sales manager, Georgia-Pacific Canada. "But mould can't survive without a food source. In most buildings that food source is found on the surfaces that are an inherent part of traditional paper-faced drywall. By using DensArmor Plus panels, the builders eliminate paper-faced gypsum panels, so mould is far less likely to grow."

More than 40,000 square feet of DensArmor Plus panels were installed over 14 months in the basement laboratories.

"In the research center, the laboratory floors and walls are regularly and frequently cleaned and washed down to maintain a sterile environment," said John Gallagher, Celtic Drywall, a Vancouver-based company that specializes in commercial interiors. "We chose DensArmor Plus because it helps create an ultra-clean environment by eliminating organic matter and by providing protection against moisture that can lead to mould growth. It's a proven product that we rely on to prevent mould growth and potentially protect indoor air quality."

When the Pacific Northwest's rainy weather threatened to cause construction delays, Celtic Drywall turned to another moisture-resistant Georgia-Pacific

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product: DensGlass® Shaftliner for the moisture-prone vertical and horizontal shaft wall assemblies, stairwell and firewall applications.

“The fiberglass mat technology of DensGlass Shaftliner holds up well on job sites,” said Gallagher, “and we were confident we could continue working without compromising the health and performance of the building or the people who work there.”

The moisture-resistant, non-combustible one-inch core with coated fiberglass mats resists the growth of mould that can typically occur with regular shaft wall panels as a result of exposure to bad weather during construction. Plus, a 12-month limited exposure warranty* provides peace of mind. As a result, the interior construction remained on schedule, as work could still continue even while the building wasn't completely closed in.

Dr. Victor Ling, vice president, discovery for the BC Cancer Agency, noted, “The BC Cancer Research Centre is a concrete example that if we all work together — scientists, physicians, community, universities and governments — we can achieve far beyond what we could imagine.” The BC Cancer Research Center, funded through the BC Cancer Foundation, is proof of just that.

For more information about fiberglass mat gypsum panels, copies of our warranties or other product information, visit www.gpgypsum.com or call 1-800-225-6119.

*See warranty for details.

U.S.A. — Georgia-Pacific Gypsum LLC
Canada — Georgia-Pacific Canada LP

Sales Information & Order Placement

U.S.A. Midwest: **1-800-876-4746**
West: **1-800-824-7503**
South: **1-800-327-2344**
Northeast: **1-800-947-4497**

CANADA Canada Toll Free: **1-800-387-6823**
Quebec Toll Free: **1-800-361-0486**

Technical Information

Georgia-Pacific Gypsum Technical Hotline
U.S.A. and Canada: **1-800-225-6119**
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WARRANTIES, REMEDIES AND TERMS OF SALE

For current warranty information for this product, please go to www.gpgypsum.com and select the product for

warranty information. All sales of this product by Georgia-Pacific are subject to our Terms of Sale available at www.gpgypsum.com.

UPDATES AND CURRENT INFORMATION

The information in this document may change without notice. Visit our website at www.gpgypsum.com for updates and current information.

CAUTION For product fire, safety and use information, go to www.gp.com/safetyinfo or call 1-800-225-6119.

HANDLING AND USE—CAUTION This product contains fiberglass facings which may cause skin irritation. Dust and fibers produced during the handling and installation of the product may cause skin, eye and respiratory tract irritation. Avoid breathing dust and minimize contact with skin and eyes. Wear long sleeve shirts, long pants and eye protection. Always maintain adequate ventilation.

Use a dust mask or NIOSH/MSHA approved respirator as appropriate in dusty or poorly ventilated areas.

FIRE SAFETY CAUTION Passing a fire test in a controlled laboratory setting and/or certifying or labeling a product as having a one-hour, two-hour, or any other fire resistance or protection rating and, therefore, as acceptable for use in certain fire rated assemblies/systems, does not mean that either a particular assembly/system incorporating the product, or any given piece of the product itself, will necessarily provide one-hour fire resistance, two-hour fire resistance, or any other specified fire resistance or protection in an actual fire. In the event of an actual fire, you should immediately take any and all actions necessary for your safety and the safety of others without regard for any fire rating of any product or assembly/system.

