

Built Green Canada

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SunRidge Sets Bar for Sustainable Communities in Canada

Public discourse and expectations around environmental sustainability have become pervasive across industries and government. As a result, municipalities are finding creative ways to embrace



Photo courtesy of the City of Lethbridge.

sustainable practices within the communities they serve. The City of Lethbridge set the pace with the development of its SunRidge neighborhood, which was the first community in Canada to require BUILT GREEN® certification as a standard for residential building compliance.

The development of SunRidge came from City Council's commitment to the environment, the social housing needs of the population, the building community and the public—showing leadership and innovation in the process.

Builders working on SunRidge lots followed the BUILT GREEN® Single Family program towards third-party certification. This program—like Built Green Canada's High Density, Renovation, and incoming Communities program—includes energy efficiency as a fundamental component, integrating the EnerGuide label through Natural Resources Canada, and goes beyond energy efficiency for a holistic approach that includes the preservation of natural resources, reduction of pollution, ventilation and air quality, and the improvement of home durability. Homes under Built Green Canada's programs can be certified to BUILT GREEN® Bronze, Silver, Gold, or Platinum, and homeowners receive a two-in-one: the EnerGuide label and the BUILT GREEN® seal.

By 1999, the City of Lethbridge had a plan in place and later set BUILT GREEN® Bronze certification as the minimum requirement for houses built in SunRidge. [Read more here.](#)

Reaching the Platinum Standard in Living Green

By Josh Skapin, courtesy of Calgary Herald

Going platinum typically refers to soaring success in the music business. But for Reno and Lory Volpi's inner-city home, it's a high note of a different kind. The 2,400-square-foot Winston Heights bungalow by Landmark Homes has been awarded platinum status, which is the highest rating through Built Green Canada. The third-party certification program measures a home's energy-efficiency based on a checklist, taking stock of the materials and methods that went into the build. Reno and Lory's home was the only built within Calgary city limits to achieve platinum status in 2015.

Reno is Landmark's construction manager and has been with the company for the past 16 years. The veteran builder is noted for its energy-

"I was thinking about the environment and long-term. And trying to keep as much as possible to not utilize the carbon footprint that everyone is talking about, especially now."

saving specifications and was one of the most active Calgary companies in the Built Green Canada program this year. "Right from the get-go, I was looking to build a pretty high-efficiency house," says Reno. The sustainable builds he's done for Landmark fuelled interest in doing the same for his own house, he adds.

"I was thinking about the environment and long-term. And trying to keep as much as possible to not utilize the carbon footprint that everyone is talking about, especially now."

Beyond the environment, a leading factor in turning house hunters on to energy-saving features is the idea that it cuts down on monthly utility bills.

[Read more here.](#)

A Year in Review: Continued Growth

The past year saw a number of changes and continued highlights, including the introduction of a small builder fee; our electronic Membership Package with our Marketing Toolkit complete including consumer-focused tools; an increase in outreach to existing members, leads, municipalities, as well as select government relations work; and enhanced marketing communications activity, including significant website updates to how we feature our members, the development of new tools, and increased media relations activity; the declaration of the second annual BUILT GREEN® Day on June 4, coinciding with National Environment Week, alongside the launch of an annual challenge to municipalities to encourage green building as part of their sustainability building policies, which saw increased participation; an invitation to the City of Brandon where we presented “Building a Sustainable City—Starting With Your Home: An Introduction by Built Green Canada” at a Brandon Design Studio workshop, as well as to City Council; and the announcement of BUILT GREEN® builders and eligibility for New Home Program Incentives; and an increase in educational institutions including BUILT GREEN® program materials in their curriculums.

During 2015, we saw the continuation of Single Family Verifications, another component of our quality assurance process to increase the rigor of the BUILT GREEN® certification process; the introduction of a new online training opportunity offering improved accessibility and convenience—Construction Technology—focused on emphasis on building science and building better with a discounted rate for members; the first-ever onsite technical workshop at a build in progress; continued work on the Renovation Program 2.0 to launch in coming months; the release of the 2016 Single Family and High Density Checklists; development of a new BUILT GREEN® Portal, which will see all projects being processed through this platform once it is launched; and a change in program delivery in British Columbia to improve operational efficiencies and to continue harmonization of our delivery model; and the introduction of an on-the-ground BC Builder Liaison.

Overall, 2015 saw impressive growth in the BC market and despite the downturn in Alberta’s economy, enrolments grew in the province—a testament to the continued leadership amongst builders progressing sustainability, building better, and meeting an ever-increasing market demand for green features. This period also saw the ongoing development of Neufeld Landing—Habitat for Humanity Edmonton’s largest build to-date and the largest Habitat build in Canadian history, all BUILT GREEN®!

Built Green in Your Community

Built Green Travels to Manitoba

Built Green travelled to Brandon, Manitoba, at the request of the City of Brandon’s Planning & Building Safety Department. While there, we presented on “Building a Sustainable City—Starting With Your Home: An Introduction by Built Green Canada” at a Brandon Design Studio workshop, as well as to City Council. Both went well, resulting in media coverage and general interest.

Another Milestone for Habitat’s largest development in Canadian history—Neufeld Landing Project Dedication

Habitat for Humanity Edmonton celebrated another dedication on December 17 at Neufeld Landing—



Photo courtesy of Habitat for Humanity Edmonton.

Habitat for Humanity Edmonton’s largest build to-date and the largest Habitat development in Canadian history. The day was marked with nine more families receiving keys to their new BUILT GREEN® certified homes.

The development will be home to 64 families when completed, and is named after Don Neufeld who has banked more than a staggering 15,000 volunteer hours with Habitat for Humanity—fitting that the largest build the organization has ever done honours the volunteer who has contributed the most hours.

Built Green Participates in Habitat for Humanity’s 2015 Women Build

On November 18th, Executive Director, Jenifer Christenson participated in the 2015 Women Build in Edmonton. A big thank you to all those that sponsored her in this annual fundraiser. Together, Habitat for Humanity Edmonton and Built Green Canada are working to build a sustainable, healthy future for generations. Breaking the cycle of poverty and building a sustainable, healthy future for generations to come is where the two organizations come together.

BUILT GREEN® in Post-Secondary Curriculum

Medicine Hat College will be integrating BUILT GREEN® tools in their Computer Aided Drafting and Design program, CADD185 Residential Design.

Canada’s Finest West Coast Homes Showcased at 2015 CARE Awards

Canada’s leaders in sustainable West Coast design and construction showcased their projects at the 2015 Construction Achievements and Renovations of Excellence (CARE) Awards of Vancouver Island on October 17.

More than 50 awards were presented at the CARE Awards attended by 275 builders, renovators, designers, trades, and suppliers—members of the Victoria Residential Builders Association. Huge congratulations to Green Builder of the Year award, Limona Group for sustainable building practices. [Read more here.](#)

Have an upcoming event? If you have an upcoming event and require any support from Built Green Canada please contact our office. Please keep us posted on your activities.

BUILT GREEN® Builders & Eligibility for New Home Program Incentives

In the last quarter of 2015, Built Green Canada announced they had been working with the New Home Program, offered by BC Hydro and FortisBC, to enable BUILT GREEN® builders labelling under BUILT GREEN® whose projects meet the program's technical requirements of ENERGY STAR for New Homes Standard, Version 12 to be eligible for the financial incentives offered through the New Home Program.

During this time, BC Hydro's conservation efforts shifted in response to customers' changing needs. This shift resulted in BC Hydro's New Home Program financial incentives being removed from the program; however, whole home incentives will be available for qualifying projects that are natural gas heated homes provided by FortisBC and electrically-heated homes in the FortisBC electric service territory. BC Hydro will continue to support the residential new construction industry through energy efficiency education and training of building trades and market players to grow the capacity of industry to build more energy efficient homes that meet market demand.

** Those BUILT GREEN® projects, either enrolled and/or underway during the period of October 22 – December 1, 2015, who meet the ENERGY STAR for New Homes Standard and are electrically heated in BC Hydro's service territory, may be eligible for the financial incentives offered through the New Home Program.

Builders currently building homes with the intention of achieving ENERGY STAR qualification, must complete a "Memorandum of Understanding" (MOU) with BC Hydro in order for their project(s) to be eligible for incentive funding.

Deadlines:

- MOUs to be completed, signed and emailed back to newhome@bchydro.com by Friday February 19, 2016.
- Builders/CEAs must submit program application forms to the New Home Program (BC Hydro) no later than Wednesday August 31, 2016. This means a home must complete before this date with enough time for CEAs/SOs to process paperwork and submit to the New Home Program. To avoid missing the application deadline, we advise the projects aim to wrap up by June 30, 2016.

Should you have any questions or to obtain a blank copy of the Memorandum of Understanding please contact Cynthia Curril, cynthia.curril@bchydro.com. 604.623.4340 or Echo Yang, echo.yang@bchydro.com. 604.623.4198

DID YOU KNOW?

Over 25,290 BUILT GREEN® homes have been certified—including units in multi-storey projects, the total is over 27,250.

Energy Advised: Your EA

With building code changes and the increased emphasis on sustainable building, of which energy efficiency is a key component, the role of an Energy Advisor (EA) has become ever more important. Experts in energy efficiency, they're licensed by Natural Resources Canada to deliver the EnerGuide Rating Service.



These folks have honed strong energy advising skills through years of related practice and their role is invaluable in sustainable building practices. Built Green Canada and those builders involved in our programs are fortunate to work with some very knowledgeable, experienced Energy Advisors. We encourage you to fully utilize these folks in your builds; they have so much to offer you and your customers.

Mike Lucas of Enervibe has been formally trained in Building Envelope Science, Energy Modeling and Analysis. He is a certified Trainer with Natural Resources Canada and has performed Energy Analysis and EnerGuide Ratings on hundreds of buildings. Included with energy analysis are recommendations for improvements to make the buildings more energy efficient and more cost effective.

The Canada Mortgage and Housing Corporation (CMHC) has trained Mike in their Residential Air Quality Investigator program. He has subsequently investigated many homes for indoor air quality issues and has partnered with Green Calgary in their Healthy Homes program, and helped many home owners make changes to improve the air quality of their homes. Mike is also a certified home inspector.

Mike has many years of experience with the BUILT GREEN® program, and is able to help builders understand the home certification process. He will do the Energy Modeling, blower door tests, and enrolment and labelling of your homes.

For a list of Energy Advisors in your area please contact the Built Green Canada office.

Are you Utilizing the Full Benefit of Belonging to the BUILT GREEN® Community?

Whether you've been an active BUILT GREEN® member for a while or are new and still learning about how Built Green sets you apart from others, we encourage you to familiarize yourself with the Membership Package including our Marketing Toolkit, which will assist you in strengthening the benefits you receive for building to BUILT GREEN® certification and provide tools to assist you in your sales and marketing efforts—including consumer-focused tools. We encourage you to complete the Member Engagement Checklist and send back to us.

PROGRAM UPDATES

2016 BUILT GREEN® Checklists & Guides

Single Family Checklist

Given the changes that were made to the Checklist in 2015 as the outcome to a one-year public consultation process, updates for 2016 are minimal and are outlined below:

Checklist item 1.1.6 update: Install site-applied spray foam (or cut-to-size rigid foam, sealed with appropriate foam/caulking) to insulate entire rim joist area (1 point), exposed floors (2 points), and/or house walls (4 points), and/or entire roof (3 points).

Checklist item 2.3.3 update: Use a rain screen system to separate cladding from the wall sheathing with a drainage plane (2 points), made from 60% or more recycled content (additional 1 point). Integrate windows into drainage plane by angling bottom sills slightly down towards the exterior, and install window flashing to direct moisture out towards the drainage plane (additional 1 point).

Checklist item 7.8 update: Builder has written an environmental policy defining their commitment (must include an office recycling program, a staff education program, appropriate signage in the builder's offices and onsite, and energy efficient lighting).

High Density Checklist

Save for one change to the checklist, included below, the main change to the High Density Checklist is on energy performance—the change moves energy performance requirements to align with national building code.

Checklist item 2.3.3 update: please see Single Family changes—same applies to HD.

Energy & Envelope

Energy performance standards move from MNECB 1997 to NECB 2011 with adjusted energy performance levels to reflect increased requirements. In addition, ASHRAE 90.1 2007 has been moved to ASHRAE 90.1 2010 and with this, adjusted energy performance levels to reflect increased requirements.

Note: Built Green Canada has not reduced its standards, but rather, the energy requirements are more rigorous now: therefore, the drop in the percentage improvements required.

- Updated for 2016: Over NECB 2011: meeting code for Bronze, 10% for Silver, 20% for Gold, and 30% for Platinum. Over ASHRAE 90.1 2010: 5% improvement for Bronze, 15% for Silver, 25% for Gold, 35% for Platinum.

Important notes:

** A reminder that the 2016 Single Family and High Density Checklists are effective on January 1, 2016; however, builders may elect to use the 2015 Checklist versions to enrol projects up to and including March 31, 2016.

As always, Built Green Canada welcomes input from industry, whether that be through a Request for Interpretation, which may be submitted here: www.builtgreencanada.ca/request-for-interpretation-form or other recommendations.

New BUILT GREEN® Portal

We're well into development of the BUILT GREEN® Portal, which will see all projects being processed through this platform once it is launched. The new system is much less cumbersome and easier to navigate. Existing files and records will be transferred over prior to launch.

Please stay tuned as we move into final stages of development. At this time, we're anticipating this will roll out in the early months of 2016. More to come soon.

High Density Enrolment “Maximum” Fees Increase Per-Unit Costs Remain As Is—Effective April 1

Built Green Canada launched its High Density program in June 2013. The program was a progression of the multi-storey and residential tower program, which was in existence for three years before it transitioned to a High Density pilot in 2011. The transition was based on builders' input, emerging building practices, energy efficiency advancements, and market demand. Extensive work was undertaken by Built Green Canada's Technical Standards Committee. At the time, the per-unit fee for a High Density project certification was \$100 to a maximum of \$10,000. To more accurately reflect this type of project, effective April 1, 2016, the per-unit fee of \$100 will remain as is with the maximum increasing from \$10,000 to \$20,000. Therefore, only those projects that have surpassed 100 units will be impacted.

Renovation Program

After a one-plus year public consultation process, which began with industry input, followed by further technical consultation, and a final review with our Technical Standards Committee, the Renovation Program will launch its new program in the coming months.

In the interim, the existing Renovation Program is available, and for those builders/renovators utilizing this program, a big kudos for renovating sustainably.

Reinstatement of EnerGuide Rating to BUILT GREEN® Certification Alongside New ERS V. 15.0—Late 2016

Some years ago, Built Green Canada made the decision to segregate the EnerGuide (ERS) label and the BUILT GREEN® certification level. There was good reason for this: the original ERS system was unpredictable, given the way the rating was calculated without adequate consideration of site orientation and design. The builder could not guarantee an EnerGuide rating and therefore could not guarantee a BUILT GREEN® certification level.

As such, Built Green Canada made the move to separate the EnerGuide rating from the certification level (though the EnerGuide rating remained mandatory as part of our certification). The decision to segregate was driven by the demand to guarantee certification levels, as it was not possible with the ERS, given its unpredictability.

However, Natural Resources Canada has been working on updates to the EnerGuide rating system and will be rolling out the ERS Version 15.0, tentatively scheduled for the second quarter of 2016. This will be better aligned with National Building Code and beyond a new rating scale that will be consumption-based, the new ERS system will now compare a Natural Resources Canada reference house with the house being tested—and, it will be jurisdiction-specific, where applicable, meaning areas will have different ratings based on their local building codes.

Given these changes, the concerns that originally drove the segregation have largely been addressed, and the risk of not being able to guarantee an ERS rating will now be much lower. This will pave the way to reinstate the tie between the ERS rating and our certification level with considerably more confidence in a builder's ability to guarantee a specific rating.

As the ERS Version 15.0 rolls out, here's what this will look like for the BUILT GREEN® Single Family program, *for the energy requirement of our certification:*

- Bronze certification will require an ERS to meet equivalent energy requirements of a code-built house in building area. Given the program addresses far more than energy, setting energy requirements consistent with building code is achievable.
- Silver certification will require the ERS to exceed equivalent energy requirements of a code-built house by 10 percent.
- Gold certification will require the ERS to exceed equivalent energy requirements of a code-built house to 20 percent.
- Platinum certification will require ERS to exceed equivalent energy requirements of a code-built house by 25 percent.

** Again, what the equivalent ERS numbers are will be based on the region, and even within a given province they will vary.

New Training Opportunity

One of the requirements for BUILT GREEN® membership is that training is taken every two years. For a new builder member, they're required to take BUILT GREEN® Program Fundamentals, Module 1 which focuses on the fundamental aspects of the program.

Built Green Canada strongly recommends building science training as a natural progression from the initial training module (above) and recognizes the Building Science for New Homes training available through Service Organizations licensed through Natural Resources Canada; however, there are times when accessibility can be challenging, both in terms of availability and affordability.

With this in mind, we are pleased to have partnered with Blue House Energy, an online training provider specializing in building construction. Their "Construction Technology" course places heavy emphasis on building science and building better.

The course addresses the house as a system concept; the role of sustainable development in construction; how building science affects building durability and occupant comfort; the signs, symptoms, and solutions for good indoor air quality; building envelope details and how they control or contribute to heat, air, and moisture flows; and mechanical systems.



Photo courtesy of Blue House Energy.

The cost is \$276.50 for BUILT GREEN® members who choose to take this [online training](#) reflecting a 30% discount through June 18, 2016.

Built Green in the News

Over the fourth quarter of 2015, media coverage focused on builders (including Perry Signature Homes, BCM Developments, Landmark Homes, Habitat Studio, effect Homes, and Greener Homes) updates at Built Green Canada, as well as those companies involved within the BUILT GREEN® community. Some of the outlets include the following: Calgary Herald (x3), Western Wheel, Powell River Peak, West Kootenay House & Home, Green Business Canada, NEW Homes & Condos Edmonton magazine (x3), Kijiji, Craigslist, BC Building Info Alert Notice, Green Business Canada, and more.

Note, the Built Green Canada office is seeing more and more inclusion of "Built Green" as a key selling feature in real estate listings (referenced above with Kijiji and Craigslist). Several CHBA affiliates have posted Built Green-supplied content onto their website: Thank you to all for your continued support in spreading the word. Integrating key messages about the benefits of a BUILT GREEN® certified home into your sales and marketing efforts goes a long way in raising the profile for your builds, for sustainable building, and for the industry.

Finally, more media are tweeting and retweeting our posts, as seen with Calgary Herald, GreenExpos365, MAYOzine (Trudeau), Vancouver Observer, National Observer, I Shoot Reno. Plus, key stakeholders including City of Vancouver, City of Brandon, Town of Okotoks, MLA Darryl Piecas, and documentary author Mike Velemirovich.

BUILT GREEN® Product Catalogue & You

This [online catalogue](#) provides builders access to products for sustainable residential construction. Based around the BUILT GREEN® Checklist, the catalogue is organized the same way; each product contributes to Checklist points.

Product Catalogue Connection

The BUILT GREEN® Product Catalogue is an online resource for builders and renovators for use in sustainable construction. Products have been approved by Built Green Canada, giving builders peace of mind and saving them time sourcing materials. Our programs are based on checklists that guide our builders to achieving BUILT GREEN® certification, and those materials in our catalogue are tied to specific checklist items.

Below, our featured Product Catalogue contributors are listed with their BUILT GREEN® approved products. If used in your BUILT GREEN® project, these products earn checklist points.

All Weather Windows

Earning points in Envelope & Energy and Materials & Methods

- Our wide range of windows is designed to suit Canada's distinct climate zones and accommodate different styles and tastes. Our award winning, quality crafted products are energy efficient (up to R8), cost effective and CSA certified. With All Weather Windows you can be sure every window meets our stringent quality control standards and carries our service-backed assurance. (1.1.16, 2.3.4)



2015 Product of the Year (Durham Region Home Builders' Association): All Weather Windows Attic Hatch.

Aprilaire

Earning points in Ventilation

- The Aprilaire Model 400 Whole-House Humidifier features a built-in bypass damper and utilizes evaporative technology to minimize water use. Gravity pulls water down, while the wicking action of the Water Panel® draws it back to the top, using 100% of the water delivered to the unit. (4.6)

Bamboo Innovations

Earning points in Materials & Methods and Indoor Air Quality

- Bamboo Innovations is a Canadian-owned and operated distributor for many bamboo and other unique green products. Offering eco-friendly and sustainable alternatives that also lead the edge in the décor and building industry. (2.2.8, 2.2.19, 3.16)

G.E.M.: Erosheild Roofing

Earning points in Materials & Methods

- The most advanced roofing product on the market today. Made from almost 100% recycled material, EuroShake (which simulates the look of cedar shingles) meets or exceeds the requirements of the BUILT GREEN® Program. Its under-side cubicle structure enhances its insulation performance and energy conservation attributes. Comes with a limited 50 Year Warranty. (2.2.21, 2.3.1)

Air-King Ventilation Products

Earning points in Envelope and Energy Systems, Materials & Methods, and Waste Management

- Air-King offers one of the most complete lines of ENERGY STAR® qualified solutions in ventilation products on the market. Products include Bathroom Exhaust Fans, Whole House Continuous Operation Exhaust Fans, Under Cabinet Range Hoods, Professional Range Hoods and more. All Air-King products are engineered to exceed your expectations for style, performance, and quality while enhancing the indoor air quality of the home. (SF: 1.5.1, 4-2, 4.3.1, 4-6, 4.8; HD: 1.2.12, 1.7.4, 4.6)
- Air-King WAIT 1000 Central Drum Style Furnace Mount Humidifier is a 100% water efficient furnace mount humidifier. 15 Gallon output per day humidifies up to 4000 square feet. High temperature plastic cabinet with easy left or right hand ducting. Easily removable, high temperature thermoplastic water pan will not rust and allows for easy maintenance. Patented one piece adjustable float valve. Patented seamless polyurethane evaporative pad assures steady, even drum rotation and will not separate over time. (4.6, 4.2)



AIR-KING's WAIT 1000 Central Drum Style Furnace Mount Humidifier

With 24 products, Air-King Ventilation is our largest Product Catalogue contributor.

EZEE Dam Window Pan Drainage Dam Water Shed Systems

Earning points in Materials & Methods

- Canadian manufactured EZEE Dam system consists of PVC extrusions which are installed on the sill plate and 4" up the jambs of window rough opening framing in wood frame construction. EZEE Dam is installed before the windows, providing a guide to window installers of correct installation location. The top surfaces of the extrusions slope to the outside, facilitating water migration to the exterior. The PVC material and hollow extruded construction resists thermal transfer. (2.3.3)

Owens Corning

Earning points in Envelope & Energy Systems, Materials & Methods, and Indoor Air Quality

- Canada's No. 1 Insulation, EcoTouch® PINK™ FIBERGLAS® Insulation. Insulate interior walls, floors, and ceilings. With outstanding thermal resistance for energy savings, it also maintains insulating power over time. (2.2.5, 3.9)
- The Owens Corning FOAMULAR® CodeBord® Air Barrier System helps provide a continuous exterior air, moisture and thermal barrier, which minimizes heat loss or gain and provides a comfortable indoor living environment for occupants. (1.1.8)

Innotech Windows and Doors

Earning points in Envelope & Energy Systems and Materials & Methods

- Innotech "Tilt + Glide Sliding Glass Doors", "Tilt + Turn Terrace Swing Glass Doors", and "Tilt + Turn Picture Windows" are EnergyStar qualified for Zones AB (double glazed) and Zones ABCD (triple glazed). Depending on the finish, they may also have recycled content in the perimeter frames. (1.1.16, 2.2.13.1)

IKO Industries

Earning points in Water Conservation

- Biltmore™ combines beauty with contemporary strength. Manufactured in a larger size to offer more exposure and create a high definition "shake" look for your roof. These shingles are versatile and easy to maintain and come in a myriad of colours that can suit any home. Biltmore carries a limited lifetime warranty. (2.3.3)
- Superglass 25 and 30 shingles are time tested construction and weather-resistant designs, highlighting the home's beauty. These hardy 3 tab fiberglass shingles shield the home against the forces of nature. Superglass 25 comes with a limited 25 year warranty, and Superglass 30 comes with a limited 30 year warranty. (2.3.3)

CertainTeed Sustainable Insulation

Earning points in Materials & Methods

- CertainTeed is dedicated to Building Responsibility™ with fibre glass insulation products that are engineered, produced, and shipped with the commitment to minimizing environmental impact and improving energy savings. (2.2.5, 3.9)

BASF

Earning points in Envelope & Energy Systems and Materials & Methods

- WALLTITE® is a medium-density polyurethane insulation / air barrier designed to improve the energy efficiency of any type of building. Its industry-leading performance results in substantial energy saving. Its formulation includes recycled plastic and a zero ozone-depleting blowing agent qualifying it as the first closed-cell spray polyurethane insulation to obtain the EcoLogo™, North America's most widely recognized multi-attribute environmental certification. WALLTITE® is also GREENGUARD Gold SM certified for indoor air quality. (1.1.6, 1.1.8, 1.1.13, 2.2.5)

Sigmadek Ltd.

Earning points in Materials & Methods

- Sigmadek is a revolutionary, "game changing", pre-engineered deck building system with residential applications for home builders. Every installed Sigmadek system delivers a safe, strong, and sustainable solution to an industry segment until now has been plagued with ongoing maintenance and structural issues. No rot, no warping, low maintenance, quick install. (2.3.9)

Quik-Therm Multi-Purpose Insulation

Earning points in Energy & Envelope and Materials & Methods

- Quik-Therm Multi-Purpose Insulation is a rigid insulation with reflective plastic facers on either side, providing a vapour, radon, and radiant barrier. This insulation is impervious to moisture, and eliminates thermal bridging. (1.1.2, 1.1.8)
- Quik-Therm Connect is a rigid insulation board with built-in strapping members every 16" or 24". Ideal for exterior insulation, as it will line up with the framing members, then allow siding to be fastened directly to the Quik-Therm Connect. In many cases, sheathing is not required and 2x4" construction is feasible. (1.1.2)
- The Quik-Therm Concrete Insulation System is an all-in-one assembly designed for residential basements. It provides framing members, insulation, and vapour barrier in a system that installs in about half the time of conventional studs/batts/poly. With no thermal bridging, it performs nearly twice as well as fiberglass and wood studs. It does not absorb water and will not promote mold. (1.1.3)

Services: Supporting Members & You

Supporting members are those working in the sustainable building sector, with similar goals: they could end up being collaborative partners, so be sure to check them out and make mutually beneficial connections! They are responsible for products and services for the residential building industry and are required to meet membership criteria.

www.builtgreencanada.ca/find-a-supporting-member



Built Green Canada
Phone: 780.485.0920
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www.builtgreencanada.ca
Twitter: @BuiltGreenCan



100% Committed to
protecting our environment