



Q3 2020 Quarterly Newsletter

Built Green Canada

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Built Green Canada Launches Communities Program Pilot *Averton's leadership in marrying design and lifestyle leads to being first to enrol*

As COVID-19 continues, Built Green Canada launched its Communities Program pilot—expanding opportunities for developers focused on creating better, healthier homes and communities. The organization is encouraging developers to participate in trials during this phase, and a project is already enrolled, courtesy of Averton, who has decided to develop Midtown in St. Albert as a sustainable community.

Now more than ever, healthy homes have become a priority, and there is growing awareness that a sustainably built home is a healthier home. Many people are spending more time inside their home as they adjust to other ways of doing business, while social connections are encouraged to occur outside, expanding the focus to the outside of the home and to the health of communities. While the Communities Program was already in development, the pandemic prompted Built Green to ready this as a pilot.

From a building perspective, a community can be defined as a new or existing development addressing the needs of people through diverse infrastructure. The Communities' program framework takes a holistic approach to development, consistent with Built Green's other third-party certified programs, and focuses on the optimization of health, resiliency, lifecycle sustainability, new urbanism, greenhouse emissions, green spaces and resource consumption.

"Though we understand the COVID-19 pandemic extends far beyond a health crisis, the trajectory of our communities and economies is difficult to anticipate, recover from and prepare for, should future waves come. What we can expect is a continued emphasis on health and well-being—inside our homes and the communities in which we live", says Built Green's CEO Jenifer Christenson. "Meanwhile, economic recovery dominates public discourse."

Developing sustainable communities sees the convergence of environmental, economical and societal benefits. [Read more.](#)

Averton's Design Focus Opens Opportunity for Sustainable Placemaking

With health and environmental concerns on the rise, many are searching for ways to enhance wellness and reduce their impact on the environment—while some continue their commitment. A home builder and community developer with projects across Alberta and Ontario, Averton jumped at the opportunity to be the first to participate in a new program for residential developers wanting to create greener, healthier communities.

Averton's new St. Albert community is called Midtown and is the result of an exhaustive design process, centered on their view of the community as an ecosystem. Underpinning their business philosophy is an inclusive approach that goes beyond aesthetics, to understanding an area's culture and geography in order to create better places to live.

"Our vision for Midtown is rooted in redefining community: prioritizing experience over volume. It's about building character instead of sacrificing it for increased density," says Averton's President, Paul Lanni. "We see this as an opportunity to introduce a well-planned, designed and integrated mixed-use development." [Read more.](#)

Our Continued Gratitude and Thanks to Frontline Workers

Once again, we would like to thank the industry's frontline workers who continue building better, more sustainable homes as the COVID-19 pandemic continues. To builders, trades, suppliers, energy advisors, inspectors, warranty providers, and many more who support those on the ground, including associations and government, whether from home or in their place of work—thank you for all you do.

Thanks to you, the industry continues to move forward, safely and responsibly, while providing healthier homes and contributing to the economy.

Put a Label On It – Show Off Your 3rd Party Certification

Here's why: there are builders who say they're building a higher performance home, and they may be... and there are builders who say they are, which may not be—we don't know, and neither does the customer.

Without certification, it's difficult to know whether requirements are met; certification removes perceptions of greenwashing. Putting your BUILT GREEN® label on the electrical panel or furnace immediately tells homebuyers you're legitimate. We encourage you to show off your label—in the home, in your advertising, and on social media.

This is about your competitive advantage. It's about you, as a progressive builder who is building more sustainably, with a label to showcase this. It's about being a builder who does more than code. And, it's about **pass-along benefits** you're able to offer your homebuyer.

Increasingly, we receive calls from customers asking if a home they're considering has been certified. Homebuyers are becoming more discerning about "green feature" claims and the legitimacy of these.

As COVID-19 continues, healthy living is all our minds. And so, highlight green features that make your home healthier—it's more than energy performance.

If you need assistance highlighting green features, please contact us.

Highlight Your Certification: #PutALabelOnIt

We encourage you to include #BuiltGreen #PutALabelOnIt hashtags on your social media posts. Show your customers you're a builder who goes beyond status quo!

GableCraft Showcases Label Certification—And Wins!

Congratulations to **GableCraft Homes** on winning—and moreover, for highlighting their third-party label, helping educate homebuyers, while offering verification of their greener, healthier homes!

Committed to creating safe, sustainable, welcoming communities, Gablecraft's current work is in Colwood, where they're building a legacy of exceptional homes, designed for maximum livability—all overlooking the stunning oceanfront setting of Royal Bay.

This contest aimed to showcase builders certifying BUILT GREEN®; we asked builders to post to social media with a photo of their certification label, tag us, and use #PutALabelOnIt.



Featured Tweet



Display Your Two-In-One Home Certification

The BUILT GREEN® home certification label is usually affixed to the furnace or electrical panel, along with the EnerGuide label from Natural Resources Canada.

These labels offer verification to the energy efficiency and green features of the home and reinforce to the homebuyer that they've purchased from a quality builder. Here are BUILT GREEN® labels showing all four levels of certifications, plus the EnerGuide label.



EnerGuide is an official mark of Natural Resources Canada: used with permission.

More Ways to Showcase Your Home Certification

Did you know we have metal plaques for purchase to further accentuate your home's certification: builtgreencanada.ca/built-green-metal-plaques.

A plaque provides a conversation starter and reinforces the home's third-party certification—beyond the EnerGuide and BUILT GREEN® labels. They are available in bronze, silver, gold, platinum, and generic (no level identified).



Photo: Lentel Construction

We Can Support Your Sustainability Goals & Requirements

A Builder Shout Out:

A BUILT GREEN® home offers assurance that a new or newly-renovated home checks all the boxes on sustainability. If you're a builder wondering how you can benefit from the broader shift to high-performance building without breaking the bank, consider **joining our crew**. We'll save you a spot. And, whether your building jurisdiction requires 9.36 or Energy Step Code, our programs align and help you move ahead of the curve.

A Municipality Shout Out:

BUILT GREEN® builders have been delivering more sustainable homes all along. If you're part of a municipality looking for ways to support your climate mitigation strategies, as well as support builders in your area, Built Green Canada can help—let us know.

Hear what some of our builders say about our programs [here](#).

In these times of uncertainty, let's support one another, support local, and support other business and not-for-profits.

NOTEWORTHY BUILDER HIGHLIGHTS

Habitat for Humanity Victoria

Habitat for Humanity Victoria looks to help 11 families get affordable homes, which will be #BuiltGreen certified. They're currently seeking donors to help make this a reality. #100DaysCampaign [Learn more](#).

Hasler Homes Completes BUILT GREEN® Platinum / Net Zero Project in North Vancouver

Hasler Homes is focused on custom homes and large renovations on the north shore and have just completed a new home that went both BUILT GREEN® Platinum and Net Zero. The home had impressive energy performance and overall focus on green building practices.



Photo courtesy of Hasler Homes

One of the features of their North Vancouver Platinum / Net Zero home was solar panels, which will generate more energy than the home requires. Another energy-conscious feature is their drain water heat recovery unit, ThermoDrain™, a cost-effective solution that extracts

heat from waste water to preheat incoming cold water—this showed the water heating go up by 11 degrees! Meanwhile, their ICF foundation system and overall attention to envelope and insulation (5.5" comfort board), had the home's blower door test results coming in at 1.12 ach, with the help of their Energy Advisor, Capital Home Energy.

Meanwhile, Hasler utilized a number of sustainable building practices, including enabling their homebuyer to employ water-saving techniques in the day-to-day, with features like an underground 5,000L rain-water collection system that can be used for irrigation or exterior washing.

BUILT GREEN® Gold for Habitat Project in Ontario

Built Green Canada has long partnered with Habitat for Humanity, and select affiliates have certified projects BUILT GREEN®. But the Pointe au Baril project was a first for **Habitat for Humanity Ontario Gateway North** (HFHOGN).

According to HFHOGN, piloting green building methodologies has resulted in a more energy efficient, sustainably built home, and has been instrumental in developing a deeper understanding of how to achieve green building standards at an affordable price. "It is intended to demonstrate that a rural northern Ontario Zone-5 home can be built with a low heating cost (about \$500), using an air source heat pump."

Their goal is to build durable, healthy, and sustainable houses at the lowest possible cost, so the Built Green program was a fit. Without significant upfront investment, HFHOGN met targets with straight-forward construction and smart choices around building form and



orientation, the foundation, detailing of the air barrier, the heating system, and design of the fresh air system. They felt their biggest step was around how walls were built: deeper, with more insulation capacity.

They note that their green building choices on this home will increase affordability for the Habitat homeowner by reducing utility costs. HFHOGN is proud of how the home turned out, and of how the

community came together in such numbers to participate in its creation.

Through the collaboration and team work of Project Lead, Rob Muir, as well as the Co-Build Coordinators, Bob Fisher and Kieron Bayley, Crew Leaders, and Habitat staff working with Myles Donahue from Eco Advantage Energy Advisors, as well as over 100 volunteers throughout the project's build process, HFHOGN built their first home through the Built Green third-party certification program. Impressively, the project came in at a BUILT GREEN® Gold!

High Density Certifications Enrolled and Awarded

More High Density Enrolments from Highstreet

During this quarter, **Highstreet Ventures** enrolled a number of high density buildings for BUILT GREEN® certification, set to be completed in the winter of 2021. Their commitment to sustainability continues, with projects in a number of communities across the province of British Columbia. They are driven by a mantra of responsibly developing smarter real estate.

Four of the projects, known as Aspen View A, B, C, and D, will be in Comox and will offer affordable rental housing. Three of the builds will be four-storey residential apartment buildings, while the other will be a four-storey mixed-use, offering commercial on the ground floor to help serve the demand for services. Residents will have the benefit of a community garden, a gym, and the Town of Comox donated space in the mixed-use building for a daycare as well.

The three residential buildings are targeting BUILT GREEN® Platinum certification and there will be a number of green features, including solar; the common area's electricity will be fully offset by on-site solar.



Photo of Lakefront Terrace, courtesy of Highstreet Ventures.

Highstreet's other project, Lakeview Terrace, will have four buildings terraced into the rock overlooking Nanaimo's Long Lake. Another purpose-built project, this one included a substantial parks dedication, with Highstreet donating over 25 percent of the site to the City of Nanaimo for a lakefront park. Lakeview Terrace has been modelled to perform well beyond building code minimums, saving 40 percent more energy and using 35 percent less water. Meanwhile, the community building is planned to be fully net-zero energy.

Crown & Mountain by Mountain Creations Ltd.

In the emerging neighbourhood of Lynn Creek, a new high density project offers 1, 2, and 3-bedroom residences inspired by the North Vancouver active, nature-based lifestyle. With 47 units over five storeys, **Crown & Mountain** has features for beauty, convenience, and sustainability, including water-conserving dual-flush toilets and high-performance appliances; quartz countertops; electric vehicle charging stations; in-floor radiant heating; double-glazed, low-E windows to enhance insulation and UV protection, while also offering reduced sound transfer—and much more. They're already sold out.



Photo courtesy of Mountain Creations.

A North Shore boutique builder, **Mountain Creations Ltd.** believes in

craftsmanship and creating something that will endure. As they're relatively new to the program, Crown & Mountain is the first Mountain Creations' project to go through Built Green Canada's certification—they started strong, with a BUILT GREEN® Gold label.

Congratulations to builder, Mountain Creations Ltd, along with BUILT GREEN® High Density Verifier: Emma Conway, E3 Eco Group Inc.

WEBINARS FOR YOU

Waste Management & Water Conservation Webinar – Nov. 17

On November 17, we will hold our next webinar, looking at the importance of using building practices that improve efficiencies around water usage and waste management. Water conservation products and practices will be discussed, as well as the Water Efficiency Rating Score (WERS), from the Green Builder® Coalition. Meanwhile, we will be dealing with the handling of waste materials on the construction site, including practical recycling practices that can actually save the builder money.

Eligible for education credits: CPD points with BC Housing and can be used for credit through PHBI. Webinar is free.

Built Green Supports Industry with Webinars During COVID

Adjusting to COVID, we have continued to safely support builders and provide educational opportunities. As part of this, we have been delivering a series of free webinars focused on our certification programs, each concentrating on key components of our programs.

Beyond reviewing more sustainable building practices in general, we also review benefits and provide practical, affordable suggestions to build better and earn points towards BUILT GREEN® certification.

These webinars are applicable to industry, whether you're a builder or not—all are welcomed to attend, as together we collectively work toward a more sustainable, healthier future.

Energy & Envelope – Part I & II – Webinars

Energy & Envelope Part I webinar delivered on August 11 had over 235 RSVPs. This webinar looked at construction methods and products that contribute to lower energy consumption, as well as alternative heating and electrical systems, and improved building envelope.

Energy & Envelope Part II, held on September 22 with over 140 RSVPs, expanded on Part I to look at construction methods and types of products that contribute to an improved building envelope, appliances, lighting, and automation.

Indoor Air Quality & Ventilation Webinar

Delivered July 14, this webinar looked at construction methods and products that contribute to the quality of the air within the home. We looked at the importance of products that include materials low in volatile organic compounds (VOCs) and products made from all-natural materials. And, there was a focus on mechanical ventilation systems in the home, including filtrations and heat recovery.

Education Opportunities - Is Your Training Up-to-Date?

We believe training is essential. One requirement for builder membership is that training is taken every two years; points can be earned on our checklist for doing so. We offer several options, and even for long-time members, these are great refreshers.

BUILT GREEN® Program Fundamentals - online
\$150 for members / \$250 for non-members

This fundamentals course is a requirement for new builders and focuses on the fundamental aspects of the program. 3 CPD points through BC Housing and Master Building training credits through Professional Home Builders Institute. *We also strongly recommend building science training as a natural progression.*

Construction Technology for BUILT GREEN® - online
\$276.50 for BUILT GREEN® members* / \$395 for non-members

An excellent *building science course* offered by Blue House Energy. 20 CPD Points through BC Housing and Master Building training credits through Professional Home Builders Institute.

We also acknowledge Building Science for New Homes training available through Service Organizations licensed through Natural Resources Canada as well as other training providers.

We recognize there are other training opportunities related to sustainability that may meet our membership training requirements. Please contact our office to confirm.

Featured Tweet



Not only does taking metal to the scrap yard keep these materials out of the landfill, you'll generate funds to help pay for end-of-the-week beers or treats for the crew. It's a win-win! 🍻🔧🔪 #metalrecycling #scrapmetal #constructionwaste #recycling #landfilldiversion #bcorp



Built Green in the News

Over the third quarter of 2020, COVID-19 continued to dominate the news; however, Built Green related media coverage was by outlets including the Calgary Herald (3x), the Chronicle Herald, Construction Links, Edmonton Sun, Fenestration Canada, Kijiji, Times Colonist (4x), and more.



Breakdown of Single Family Certification Levels for Q3

- Bronze: 16%
- Silver: 22%
- Gold: 58%
- Platinum: 4%

Platinum Certifications



Congratulations to all those who achieved Platinum certification on their single family or renovation projects in Q3:

Blackfish Homes Ltd, Colbray Homes Ltd, DS Murphy Contracting Ltd, Hasler Homes Ltd, Landmark Homes (8), Legacy Signature Homes Inc, Lentel Construction Co. Ltd, Rococo Homes Inc, Rosecrest Homes Ltd, Sterling Homes Ltd, and Tye Homes (4).

*A shout-out and congratulations to **Hasler Homes** for achieving BUILT GREEN® Platinum and Net Zero on their project!*

Net Zero Complementary to BUILT GREEN® Platinum

We see a number of BUILT GREEN® Platinum / Net Zero homes. Net Zero is complementary to Built Green, given we address energy and then go beyond to other critical areas of sustainable building for a holistic approach.

This speaks to the success of our programs, which support builders in building better, and through our four levels of certification, allow for builders at varying stages to progress and increase the environmental performance of their builds.

Our Supporting Members Help Builders

Supporting members are responsible for products and services for the residential building industry. They have similar goals to our builders and are required to meet membership criteria to be part of our community. Be sure to make mutually beneficial connections!

Industry Awards During COVID-19

Builders' achievements aren't going unnoticed



To avoid cancellation during COVID-19, a number of industry awards have went to livestream during the third quarter of 2020, including **BILD Alberta Awards**, while **BILD Calgary Region Awards** had been delayed due to the pandemic, so were held virtually in August. Likewise, Victoria Residential Builders Association has postponed their **CARE Awards**; usually in September, they'll be on November 28, as an online event.

In these uncertain times, builders' achievements have not gone unnoticed. We want to acknowledge all those building to a higher standard—as well as the associations that work to highlight their work and provide ongoing learning opportunities.

Energy Advised

With building code changes and increased emphasis on energy efficiency, the role of Energy Advisors (EAs) and professional engineers who specialize in building performance has become ever more important. Experts in energy efficiency, they're licensed by Natural Resources Canada to deliver the EnerGuide Rating System—a key component of our Single Family and Single Family Renovation programs. These professionals are invaluable for helping to increase the performance of a building, and to support the industry.

For this quarter, we are profiling two Energy Advisors in British Columbia who have encouraged their builders to consider addressing energy and go beyond, helping to educate on the benefits of the Built Green programs' holistic approach. They are also both Directors of the **Canadian Association of Consulting Energy Advisors**.

Luke Dolan, Capital Home Energy Inc



Luke Dolan

Owner of Capital Home Energy, Luke Dolan heads a team of EAs serving Vancouver, Whistler, and Vancouver Island. As an Energy Advisor and Home Inspector, Luke can provide builders with energy evaluations and home inspections. He has over 25 years' experience in the construction industry and an extensive background as an Energy Advisor, which began in 2008. He's since evaluated over 4,000 homes. He is also teaches building science courses.

Following his years in the building industry, he was frustrated with inefficiencies and waste, so decided to take a proactive approach, starting his own business to help builders build better. He says, "Energy efficiency is not just about saving money. It's a lifestyle change that leads to a healthier and more sustainable world."

For more information visit www.capitalhomeenergy.com or contact Luke: 1.778.425.1420 / luke@capitalhomeenergy.com

Jeffrey Robinson, EnerTech Solutions Ltd.



Jeffrey Robinson

Based in Victoria, Jeffrey is the CEO of EnerTech Solutions Ltd. specializing in energy advising, consulting services, and the BC Energy Step Code.

Jeffrey's journey in the home building industry started when he was a summer student saving for college, and continued to include wood framing, then Carpentry Level 2, 3, and 4 for renovations and new construction, before earning his Red Seal Journeyman Carpentry. From 2010 to 2015, he ran and operated a renovation and mini excavation company, while he continued his Gold Seal courses on Construction Estimating and Construction Law. And in 2015, his building science path continued, and he became an Energy Advisor.

"I am passionate about assisting builders to construct more energy efficient homes, while preserving the environment," says Robinson. "I look forward to working with builders and understand the many considerations they face with each build—and I'm keen to assist them with BUILT GREEN® certification, which leads to building better."

For more information visit www.enertech.solutions or contact Jeffrey: 1.778.425.1420 / enertechsolutionsltd@gmail.com

PROGRAM UPDATES

Reduced Maximum Fees on High Density Certification

In the time of COVID-19 and the uncertainty this has brought, we have made the decision to reduce our high density certification fee maximum. While the \$100 per unit remains intact, our current maximum is up to \$20,000. However, *we are decreasing this maximum from \$20,000 to \$10,000.*

This is despite high density enrolments being up from last year. We are committed to working alongside industry: recognizing economic impacts from this pandemic, this is a gesture to acknowledge the challenges and risks faced by multi-family builders, in particular.

****** For those who have paid over the \$10,000 ceiling during 2019 and 2020, we will be contacting you directly, and reimbursing you accordingly. ******

New Programs Development Underway

We've been working on developing new programs as the demand for healthier, more sustainable living continues to increase. This is being done with industry collaboration and stakeholder input. At the end of third quarter, we launched our [Communities Pilot program](#), and over the next several months, we will be rolling out a reimagined [Single Family Renovations program](#), with another coming in the new year.

These programs will maintain Built Green's key principles of a holistic approach that is affordable and achievable, while supporting our mission to contribute to the progression of the residential building industry. As these roll out, there will be a pilot phase to allow for further industry feedback.

Reminder: we welcome input on our programs and maintain that it is industry participation and collaboration, alongside stakeholder involvement, that keeps our programs relevant and rigorous.

Platinum Certification Requirement Highlighted – F326

As more and more members earn BUILT GREEN® Platinum certification, we want to highlight checklist item 4.7—a requirement for platinum level, which is found in the Ventilation section of our checklist.

Item 4.7: Ventilation system is installed according to CSA Standard F326.

Installation of the HVAC system should be carried out in accordance with CSA Standard F326-M91: Residential Mechanical Ventilation Systems as recommended by the Heating, Refrigeration and Air Conditioning Institute of Canada (HRAI).

A properly installed ventilation system helps ensure the health and comfort of the building occupants, as well as the proper operation and longevity of the building's mechanical equipment.

We will email the CSA Standard F326 form, and encourage you to have this completed by your mechanicals installer at the time of installation. The installer should be able to complete the form in 20 minutes.

Multi-Unit Residential Building: % LTRH Recalculated - Reminder

MURB projects will continue to go through our Single Family program; however, our current calculation for the percentage lower than reference house deducts the baseload (25.62) based on one unit. Based on the EnerGuide (V 15.8), any single family building with a secondary unit should be modelled as a multi-unit whole building, and so, the baseloads change based on the number of units.

As such, our single family checklist has been updated for MURB projects and now provides an input for the number of units, which allows the baseload calculations to be adjusted accordingly.

If you would like the Single Family MURB Checklist, please email us.

Multi-Unit Residential Building (MURB) defined: a building comprised of a common entrance and separate units that are also known as apartments constructed for dwelling purposes. Multi-Unit Residential Buildings must have one primary exterior door access, with each of the apartments connected by an interior door.

Shout out to Amir at Enersaver Solutions Inc. for working through this with us.

Incentives and Rebates

These are available across the country and vary based on project type (single family, renovation, and high density). Find details [here](#).

Automatic 15% Mortgage Insurance Rebate on BUILT GREEN® Single Family Projects



Buying sustainable homes offers savings, making them even more affordable for homebuyers. Single family new homes certified through Built Green Canada are automatically eligible for a partial mortgage loan insurance premium refund of 15%—ask us for your certificate.

Canada Mortgage & Housing Corporation, Sagen™ (previously known as Genworth Canada), Canada Guaranty Mortgage Insurance Company, and others offer a premium mortgage insurance refund of 15% to borrowers who buy or build Built Green.

For more information, visit [CMHC Green Home Program / Sagen™ Energy-Efficient Housing Program / Energy-Efficient Advantage Program](#) and more.

2020 Single Family Project Verifications

As a component of our quality assurance process, a random selection of projects undergo our Single Family Verification process on “visibly inspectible” items, conducted by the Energy Advisor at the time of the blower door test. This is an additional verification step to increase the rigour of the BUILT GREEN® certification process; it adds another level of credibility to the program, and by extension, BUILT GREEN® home certification—all of this, adding to the marketability of your product.

Verification submissions were well up this quarter; thank you to all the Energy Advisors who diligently followed up. If you have questions, please contact our office.

PRODUCT CATALOGUE CONNECTION

The **BUILT GREEN® Product Catalogue** is an online resource for **builders and renovators** of building materials 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® home 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 can help earn checklist points.

Greenstone Structural Solutions

Earning checklist points in Energy & Envelope

- Greenstone Insulated Composite Envelope (ICE) Panels are an engineered combination of EPS and galvanized steel used to create sustainable, efficient, lifetime building envelopes. ICE panels address challenges with traditional building methods like thermal bridging, rot, mould, off-gassing, and inadequate thermal performance. Greenstone's advanced building system is an affordable way to achieve lighter, stronger, and more comfortable buildings. (1.2.5)

IKO Industries Ltd.

Earning checklist points in Materials & Methods

- At IKO, the best-made shingles start simply, with quality materials and an eye for detail. Built right with solid construction and weather-resistant design, shingles are carefully crafted to highlight a home's beauty. These hardy, fiberglass shingles shield the home against the forces of mother nature. Shingles come with a limited 30-year warranty and are available in a wide range of colors. IKO offers a variety of BUILT GREEN® approved shingles to choose from. (2.3.1.1, 2.3.1.2, 2.3.1.3, 2.3.3)

Innotech Windows and Doors

Earning points in Envelope & Energy 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. (1.2.16, 2.2.14.1)

Plasti-Fab

Earning checklist points in Energy & Envelope

- The Advantage ICF System® is a patented insulating concrete forming system consisting of two layers of expanded polystyrene (EPS) insulation connected with web connectors molded into the EPS insulation. The top and bottom edges of Advantage ICF System® blocks have pre-formed interlocking mechanisms which ensure web connectors align vertically for attachment of surface finish materials. (1.1.3, 1.1.4)
- DuroFoam® insulation is a closed cell and moisture-resistant insulation with a green film laminated to one side, and a silver film on the other side. It is easy to install and can be used in many applications, with an R-value of 3.75/inch. The addition of the laminated film to the top and bottom surfaces of DuroFoam® insulation board provides a more durable product that is less susceptible to damage. (1.1.7, 1.1.8)
- EnerSpan® insulation is a rigid, closed cell, silver-gray insulation manufactured using Neopor® F5300 GPS Plus, a graphite-enhanced expandable polystyrene (GPS) raw material provided by BASF. The graphite within the silver-gray cellular structure of EnerSpan insulation reduces radiation heat transfer and results in an enhanced thermal resistance compared to standard white EPS insulation manufactured to CAN/ULC-S701. (1.1.7, 1.1.8)

Save Time On Product Sourcing!

View all products approved for use in our programs by visiting the **Product Catalogue**: www.builtgreencanada.ca/product-catalogue

Products are divided into the sections of the BUILT GREEN® programs in which they can help earn projects points towards certification.

Feature your sustainable building products to our community through our online, public catalogue: [apply here](#) or contact us for more information: kpodolski@builtgreencanada.ca.

Product Catalogue

An online resource featuring materials for builders and developers interested in sustainable building practices. These products are intended to help builders save time sourcing; their use may help earn points towards project certification.



Energy & Envelope

Section 1 of our programs awards points for construction methods and types of products that contribute to reduced energy consumption, as well as alternative heating and electrical systems. [View More](#)



Materials & Methods

Section 2 rewards the use of durable, ethically sourced materials, low-maintenance, environmentally preferable products, recycling, and disaster preparedness. [View More](#)



Indoor Air Quality

Section 3 focuses on home's air quality. Products listed here can include materials that are low in VOCs, products made from all-natural materials, and filtration systems. [View More](#)



Ventilation

Section 4 covers the mechanical ventilation systems in the home, including fans, heat recovery, sealants, and more and is complementary to the Indoor Air Quality section. [View More](#)



Waste Management

Section 5 deals with the handling of waste materials on and off the construction site and encourages recycling, repurposing, composting, and low-waste processes. [View More](#)



Water Conservation

Section 6 encourages a reduction in the amount of water used inside and outside the home, as well as permeable surfaces, drought-tolerant plants, and rainwater collection. [View More](#)



Business Practices

Section 7 deals with the responsible practices of the manufacturers, trades, and builders, including policy, eco-friendly vehicles, emergency preparedness, and training. [View More](#)



Apply for a Listing

Feature your sustainable building products to our community through our online, public catalogue. [Apply Here](#)