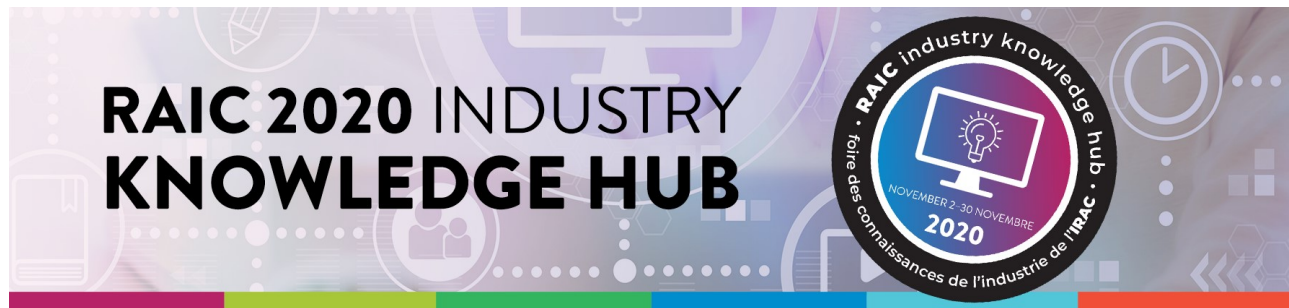


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## 1. Introduction



The **Industry Knowledge Hub** is a **free** resource for architecture and design professionals to experience innovative and educational sessions with industry leaders—in an environment that fits different schedules.

Participants can access the Hub from November 2 to 30, 2020, through RAIC's Learning Management System platform. Additionally, participating members will have the opportunity to connect and converse through discussion boards and Q&A sessions throughout November.

Top reasons to sign up for the Industry Knowledge Hub:

1. **Variety:** Over 50 hours of educational sessions, presentations, and lectures
2. **Flexibility:** Live and on-demand sessions to fit your schedule and professional goals
3. **Affordability:** Free member access to all sessions
4. **Fun:** Network and gain knowledge and skills through an engaging event platform

[Register today!](#)

Look for this symbol to let you know if the company will be offering a Certificate of Completion to participants!



## 2. Session Themes

### Practice

[Digital transformation, including Data analytics and reporting, Customer engagement, Employee enablement, Secure and stable technology, Improving business operations - RSM](#)

[Your partner for Auto and Home Insurance - The Personal](#)

### Building Envelope and Advanced Technology

[A look at how 3D printing is being used in the architecture industry as a powerful tool to win clients, reduce iteration time and reduce costs - Shop3D.ca](#)

[BUILDING SCIENCE AND ENVELOPE ENGINEERING – TESTING TO ‘EXPECT THE UNEXPECTED’ - EXP](#)

[Get introduced to 3D printing or expand your knowledge set with a look at recent materials and technology - Shop3D.ca](#)

[NBS Chorus can help you to write your specification smarter and faster, reducing your risk of error and dispute, enabling collaboration and helping you win more business - The NBS](#)

[Why not skylights? Rethinking skylights in high performance design - VELUX Skylights](#)

### Sustainability

[Achieving Energy Efficiency and Sustainability with Skylights - Artistic Skylights](#)

[Addressing Thermal Bridging in Exterior Wall Assemblies - Owens Corning](#)

[Taking concrete steps to a carbon neutral future - Concrete Council of Canada](#)

[Why not skylights? Rethinking skylights in high performance design - VELUX Skylights](#)

### Accessibility

[Design Solutions for the accessible housing crisis - DesignABLE](#)

[Establishing accessibility in an urban landscape - DesignABLE](#)

[Introducing RAIC's new Introduction to Successful Accessible Design - DesignABLE](#)

[Understanding the new Accessible Canada Act and how it impacts architecture - DesignABLE](#)

[Why do I need to Specify an Evacuation Chair? - Live Easy Inc.](#)

### Wayfinding

[Placemaking in a Post-Pandemic World - Entro](#)

[Passenger Experience After a Global Pandemic - Entro](#)

[Returning to a New Workplace - Entro](#)

[Transit Readiness Post-Pandemic - Entro](#)

### Materials & Fabrication

[All-Glass Entrances, Railing - CRL](#)

[Built-Up Roofing - Tremco](#)

[Design Concepts to Reality with Custom Architectural Fabrications - Eventscape](#)

[Introduction to Material Bank - Material Bank](#)

[Liquid Applied Roofing Technologies - Tremco](#)

[Modified Bitumen Innovations - Tremco](#)

[New Trend in Rooftop Safety - Tremco](#)

[Provides an in-depth look at below-slab moisture and vapor protection. The program will examine building material failures, concrete degradation, property loss, negative health effects, and the liability associated with below-slab moisture intrusion - Stego](#)

[Sealants, caulking, joint treatment, waterproofing - Master Builders Solutions](#)

[Single Ply Roofing - Tremco](#)

## Acoustics

[Acoustic and Aesthetic Suspended Ceiling Solutions Using Stone Wool - Rockfon](#)

[Architectural Acoustics - HGC Engineering](#)

[Ceiling Systems for High- Performing Healthcare Facilities - Rockfon](#)

[Optimized Acoustics in Buildings - Rockfon](#)

[Principles of Acoustics - Owens Corning](#)

## Health & Safety

[Alternative solutions to gypsum and concrete to protect electrical circuits and fuel lines - STI Firestop](#)

[Cable management: The limitations and available solutions for firestopping cable penetrations - STI Firestop](#)

[Specific considerations to consider when selecting and reviewing firestopping solutions - STI Firestop](#)

[Systemize solutions to Active shooter scenarios - Polymershapes](#)

[Torgard Weather system for Hurricanes and Tornados - Polymershapes](#)

### 3. The Personal



#### The Personal Insurance Company

**Focus on what matters – we'll take care of the rest.**

#### Home and auto insurance **Royal Architectural Institute of Canada Members**

These past few months have shown us just how important it is to have people who care about you during difficult times. Whether it's texting a friend, catching up with a neighbour or calling a loved one - it feels good to have someone in your corner. When it comes to home and auto insurance, The Personal can be that someone.

With over 40 years of group insurance experience, we've also built solid, long-term partnerships with over 750 other leading Canadian affinity groups including the Canadian military community, engineers, firefighters, health care professionals and more.

Our flexible program centers upon the belief that our clients deserve a simple, modern and innovative approach to insurance. That's why we offer a series of core coverages, including policies to protect your car, home, condo, seasonal or rental property, alongside several optional protections so our clients can tailor their coverage to meet their unique needs. We're also proud to offer watercraft, recreational vehicle insurance, travel and pet insurance options to best suit your needs.

#### WHY CHOOSE GROUP INSURANCE?

The Personal negotiates directly with major businesses, organizations, and professional corporations or associations to ensure you have access to exceptional offers when it comes to your home and auto insurance needs.

This includes:

- **Competitive rates** - usually lower than those available to the general public
- Personalized coverage – uniquely tailored to you
- First-class service – including access to licensed insurance advisors
- The ability to **share** your group **privileges** with your **spouse** or **dependants**<sup>1</sup>
- A claims department that is open for service 24/7
- The option to [file a claim online](#) and more

And that's not all! We also offer convenient [Online Services](#) so you can manage your policy your way – and you can also take advantage of several exclusive prevention programs available in [The Personal app](#) - like Alert™ and Radar™ – which are designed to help you prevent water damage and protect your property against severe weather.

Visit us at <http://www.thepersonal.com/irac> to find out how you can take advantage of our exclusive Royal Architectural Institute of Canada group rates, customized coverage options and outstanding service today – and discover the benefits of a group insurer that cares about you.

<sup>1</sup> Children must be under the age of 25 and residing in the same dwelling as the group member or the group member's spouse to be eligible.

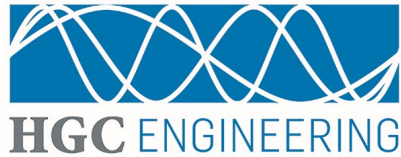
™ Alert is a trademark of Desjardins General Insurance Group Inc., used under licence.

™ Radar is a trademark of Desjardins General Insurance Group Inc., used under licence.

Business insurance is offered in Quebec only.



## 4. HGC Engineering Acoustical Consultants



NOISE | VIBRATION | ACOUSTICS

HGC Engineering is one of North America's largest engineering consulting firm specializing exclusively in noise, vibration and acoustics. Established in 1994, HGC Engineering has been a valued support partner to leading architects, developers, builders, engineers, designers and planners in the development of major commercial, residential, institutional, industrial and mixed-used projects across Canada, the US, and around the world. We have worked on projects of all shapes and sizes including large multi-story, multi-tower developments to full scale master-planned communities, many of which are now considered to be city architectural landmarks, addressing a broad spectrum of noise, vibration and acoustical applications concerns. Many of these projects have included acoustically challenging adjacent amenities and retail spaces like food courts, fitness centers, and theatres. We are also experts in construction vibration monitoring; whole building vibration isolation and analysis; as well as isolating the impact of vibration on hypersensitive equipment used in healthcare and scientific institutions.

HGC Engineering est l'une des plus grandes sociétés de conseil en ingénierie d'Amérique du Nord, spécialisée exclusivement dans le bruit, les vibrations et l'acoustique. Fondée en 1994, HGC Engineering a été un partenaire précieux pour les principaux architectes, promoteurs, constructeurs, ingénieurs, concepteurs et planificateurs dans le développement de grands projets commerciaux, résidentiels, institutionnels, industriels et polyvalents au Canada, aux États-Unis et dans le monde entier. Nous avons travaillé sur des projets de toutes formes et de toutes tailles, y compris de grands développements à plusieurs étages et à plusieurs tours jusqu'à des communautés planifiées à grande échelle, dont beaucoup sont maintenant considérées comme des points de repère de l'architecture urbaine, répondant à un large spectre de préoccupations en matière de bruit, de vibrations et d'applications acoustiques. Nombre de ces projets ont inclus des équipements adjacents et des espaces de vente au détail présentant un défi acoustique, tels que des aires de restauration, des centres de remise en forme et des théâtres. Nous sommes également experts dans la surveillance des vibrations de la construction, l'isolation et l'analyse des vibrations de l'ensemble du bâtiment, ainsi que dans l'isolation de l'impact des vibrations sur les équipements hypersensibles utilisés dans les établissements de santé et les institutions scientifiques.

Programming:



Live:

Build it and they will come! HGC Engineering is offering this free 4-part webinar series on interior sound fundamentals running every week in November starting on the 5th. This online educational program was developed by our knowledgeable acoustical engineering team to meet the practical needs of architects and interior designers. At 30 minutes each (plus Q&A), these webinar sessions are designed to be short, but informative. Take a break with us while you work from home or office, and you're guaranteed to pick up some sound knowledge you can use without taking up a lot of your time.

### Webinar #1: Acoustics 101

November 5th at 12:30 pm EST/10:30 am MST

Presenter: Ian Bonsma, Senior Associate and Manager Western Region @HGC Engineering

### Webinar #2: Reverberation, Speech Intelligibility, & Speech Privacy

November 12th at 12:30 pm EST/10:30 am MST

Presenter: Jessica Tinianov, Senior Engineer, Associate @HGC Engineering

### Webinar #3: Airborne Sound Transmission (STC, ASTC, NIC) & Impact Sound Transmission (IIC, AIIC, ISR)

November 19th at 12:30 pm EST/10:30 am MST

Presenter: Simon Edwards, Project Engineer @HGC Engineering

**Webinar #4: Acoustical Criteria for Buildings**

November 26th at 12:30 pm EST/10:30 am MST

Presenter: Alex Lorimer, Senior Associate @HGC Engineering



## 5. Artistic Skylight



With over 50 years of experience in skylight manufacturing, Artistic Skylight® provides state of the art standard and custom daylighting products for both commercial and residential applications. To maintain our high levels of quality control, our management team uses a hands-on approach and utilizes state of the art machinery for all our in house manufacturing. As part of our ongoing commitment to our customers, we pride ourselves by offering an exceptional customer experience, unique custom manufacturing capabilities and producing high-end products.

Avec plus de 50 ans d'expérience dans la fabrication de puits de lumière, Artistic Skylight® fournit des produits d'éclairage naturel standard et personnalisés de pointe pour les applications commerciales et résidentielles. Pour maintenir nos niveaux élevés de contrôle de qualité, notre équipe de direction utilise une approche pratique et utilise des machines de pointe pour toutes nos fabrications en interne. Dans le cadre de notre engagement continu envers nos clients, nous sommes fiers d'offrir une expérience client exceptionnelle, des capacités de fabrication sur mesure uniques et la production de produits haut de gamme.

Programming:



Live:

Achieving Energy Efficiency and Sustainability with Skylights - Learn more about natural daylighting and its contribution to sustainable living and energy efficiency.

Tuesdays at 1pm - 2 pm EST

On Demand:

Achieving Energy Efficiency and Sustainability with Skylights - Learn more about natural daylighting and its contribution to sustainable living and energy efficiency.

## 6. Construction Links Network



Established in 2003, **Construction Links Network** is the peer-to-peer news sharing platform for the construction, building, and design community. This one-of-a-kind platform provides the tools necessary to source and distribute the latest news, videos, events, and innovative products / services the industry has to offer which helps members plan, design and build great projects around the world.

These days, it is more important than ever to expand your business / brand messaging on social media and online. [Construction Links Network](#) – the peer-to-peer content sharing platform for the construction, building and design community offers YOUR business a unique, low-cost platform to do just that.

For less than the cost of a cup of coffee a day, your company news, blogs, appointments, successes and videos can be shared with thousands of website visitors, 20,000+ social media contacts and 12,000+ industry subscribers to the popular E-newsletters.

[Check out the video](#) and [learn more here](#) about becoming a member of Construction Links Network.

## 7. Live Easy Inc/Safety-Chair



Live Easy looks to provide access to accessibility, remove barriers of doing business for barrier-free design, provide safe and secure environments and ensure that common sense and trusting relationships lead to positive outcomes. Live Easy has partnered with Bay Area Health to create a focused boutique business that is backed by health care bona fides, attracting both high quality manufacturers and customers alike.

Live Easy cherche à fournir un accès à l'accessibilité, à éliminer les obstacles à l'activité commerciale pour une conception sans obstacle, à fournir des environnements sûrs et sécurisés et à garantir que le bon sens et les relations de confiance mènent à des résultats positifs. Live Easy s'est associé à Bay Area Health pour créer une boutique spécialisée soutenue par des soins de santé de bonne foi, attirant à la fois des fabricants et des clients de haute qualité.

### Programming:

#### On Demand:

Session #1: Introducing Live Easy, Our Products and Understanding Safe Evacuation - Live Easy has partnered with the Bay Area Health Trust and formed a very unique company. Our business model and our launch into the aging in place will be discussed as well as the details around our current product lines that enhance persons age safely in place.

We will also look at the concepts around the idea of completing the loop when it comes to accessibility and that is, ensuring that everyone that goes in must come out!

Session #2: Why do I need to Specify an Evacuation Chair? - For a multitude of reasons, it is not only best practices, but it is strongly encouraged through multiple National and Accessibility codes. In each case, the responsibility of evacuation lies with the owners and management of the building as well as the occupants of the building to be able to evacuate safely. If you have anybody on your premises with mobility impairment you need to consider your overall safety plans to ensure they are able to exit the building when all other systems, namely your elevators are shut down.

*You have made your property accessible to those with mobility impairment, you are required to review evacuating those people safely in the event of an emergency.*

We will review some legislation and best practices around the usage of evacuation equipment as it pertains to the mobility impaired as well as GEEP and PEEP (General and Personal Emergency Evacuation plans)

**EVERY WHO COMES IN MUST COME OUT**

## 8. Concrete Council of Canada



The Concrete Council of Canada is a coalition of national and provincial associations bringing together representatives from the full spectrum of cement, concrete and concrete products manufacturers across Canada. The Council's mission is to advance the industry's leadership in sustainable construction and promote the social, environmental and economic value of concrete, concrete products and concrete systems in Canada.

Concrete is the foundation of every community, making homes, businesses, schools, hospitals, roads, bridges and other critical infrastructure possible. In fact, the only material consumed more than concrete is water.

As the makers of this indispensable building material, the cement and concrete industry is proud of its role in building our cities and the infrastructure that connects us all and shares in the responsibility to deliver low carbon solutions for our built environment.

We are taking concrete steps that have reduced our carbon footprint and are laying a path to a carbon-neutral future.

Le Conseil Canadien du Béton est un regroupement d'associations nationales et provinciales composé de représentants de la gamme complète des fabricants de ciment, de béton et de produits de béton à travers le Canada. Sa mission est de faire progresser le leadership de l'industrie en matière de construction durable et de promouvoir la valeur sociale, environnementale et économique du béton, des produits de béton et des systèmes en béton au Canada.

Le béton joue un rôle vital dans nos collectivités, rendant possible la création de nos maisons, écoles, hôpitaux, édifices commerciaux, routes, ponts et autres infrastructures. En fait, le béton est le produit le plus consommé sur la planète après l'eau.

L'industrie du ciment et du béton est fière de contribuer ainsi au développement de nos villes et au rayonnement des infrastructures qui relient nos collectivités. Elle s'est engagée à trouver des solutions faibles en carbone pour l'environnement bâti et elle a pris des mesures concrètes qui réduisent son empreinte carbone et tracent la voie pour un avenir carboneutre.

Programming:



Live:

**Taking Concrete Steps to a Carbon Neutral Future – Live Q&A!**

**November 19, 2020 at 1 pm EST**

**November 26, 2020 at 1:30 pm EST**

Learn more about the strategies & tactics that help optimize concrete's role in reducing the carbon footprint of your projects! Take in the Concrete Council of Canada's **Taking Concrete Steps to a Carbon Neutral Future** available on demand & join our **live Q&A session** to get your questions answered!

On Demand:

Taking concrete steps to a carbon neutral future - This session discusses why "embodied carbon" is important and what the building industry is doing about it; reviews current decarbonization strategies in the cement and concrete sector and examines tactics that architects and other building professionals can deploy today to enhance the role of concrete and concrete products in reducing the embodied and operational carbon footprints of their projects, highlighting documented examples along the way; and takes a look at key factors to consider when thinking about material substitution and lifecycle assessment.

## 9. EXP Services Inc.



With a mission to understand, innovate, partner and deliver, EXP provides engineering, architecture, design and consulting services to the world's built and natural environments. At EXP, sustainability is embedded in everything we do. We are focused on creating positive environmental, social and economic impacts for our clients, communities and within our organization. Our heritage dates back to 1906, when the earliest of EXP's predecessor companies started its engineering infrastructure practice.

Guidée par sa mission de comprendre, d'innover, de collaborer et de réaliser, EXP fournit des services-conseils et des services complets d'ingénierie, d'architecture et de conception destinés aux milieux bâtis et naturels du monde entier. Chez EXP, le développement durable est au cœur de toutes nos activités. Nous sommes déterminés à mettre en œuvre des solutions qui auront un impact positif sur les plans de l'environnement, de l'économie et de la société, tant pour nos clients, les collectivités dans lesquelles nous travaillons, et au sein même de notre entreprise. L'héritage professionnel d'EXP remonte à 1906, année marquant le début des activités d'ingénierie des infrastructures de la plus ancienne de ses sociétés patrimoniales.

### Programming:



#### Live:

Session #1: Commissioning: A Comparison of Requirements by Code, Standard and Rating System (EXP009)

November 4, 2020 at 2:00 pm - 3:30 pm EST

Commissioning of building systems adds value to all project. The primary job of a Commissioning Engineer is confirm energy - and water - using systems operate per the design intent and the Owner's requirements. With many codes mandating commissioning, with many standards providing a framework for commissioning, and with green building rating systems providing opportunities to gain points for commissioning, it can be difficult to determine what is the right amount of commissioning for any given project. This course will outline the Commissioning requirements of IECC and various well-known green building rating systems. The course will compare their requirements to the Commissioning Standards that have been adopted by many Owners.

Session #2: Water Penetration Field Testing for Windows and Doors

November 18, 2020 at 11 AM – 12:30 PM ET

Understand the code requirements for fenestration performance, typical verification methods and their limitations, 'why', 'how' and 'when' of field testing, 'what' to include in the specifications to protect yourself and your client.

Session #3: Building Envelope & Legal Liability

November 26, 2020 at 1 PM – 2:30 PM ET

Understand the typical issues with the design and construction of building envelope assemblies and how addressing them at the early stages can limit liability for the Architects.

#### On Demand:

Guards in Buildings – The Canadian Challenge (CSA A500-16) – Understand the relatively new CSA standard that was inspired due to the 'falling guards' issue experienced across the country, including the requirements for design, testing, materials used, construction and markings, and guidance in terms of design, fabrication, installation and use of guards.

High Exposure Fenestration Installation (CSA A440.6) - Understand the new CSA standard that sets forth characteristics of effective and durable installation methods, in both new and existing buildings, of curtain wall, window wall and storefront products.



## 10. STI Firestop - Specified Technologies Inc.



STI leads the industry in developing innovative fire protection systems that help stop the spread of fire, smoke and hot gases. For over 25 years, our team has worked hand in hand with the construction industry to create simple solutions to complex firestopping problems. Our SpecSeal® and EZ Path® product lines are engineered to deliver powerful performance. Because our system designs are user-driven, they are easier to apply. The result is simply designed, outstanding fire protection systems which often result in lower installed costs. STI products and systems offer innovative firestop solutions for all types of new construction and retrofit applications.

STI est le leader de l'industrie dans le développement de systèmes de coupe-feu innovants qui aident à arrêter la propagation du feu, de la fumée et des gaz chauds. Depuis plus de 25 ans, notre équipe travaille main dans la main avec l'industrie de la construction pour créer des solutions simples à des problèmes complexes de coupe-feu. Nos gammes de produits SpecSeal® et EZ Path® sont conçues pour offrir des performances puissantes. Parce que nos conceptions de système sont axées sur l'utilisateur, elles sont plus faciles à appliquer. Il en résulte des systèmes de protection contre les incendies de conception simple et exceptionnels qui se traduisent souvent par des coûts d'installation inférieurs. Les produits et systèmes STI offrent des solutions coupe-feu innovantes pour tous les types de nouvelles constructions et applications de rénovation.

Please visit our Firestop University on our Access STI platform for training content on all segments of firestopping:

<https://go.bluevolt.com/FirestopU/s/>

Programming:



Live:

Firestopping: Specific Considerations, Cable Management, and Alternative Solutions

November 3, 2020 at 11:00 am to 12:00 pm EST

Come join STI Firestop to discuss hot topics in the passive fire protection field. We will review specific code considerations, cable management, and alternative firestopping solutions.

On Demand:

Firestopping: Specific Considerations, Cable Management, and Alternative Solutions - *available after the live session ends!*

## 11. VELUX Skylights



Since 1941, the VELUX Group has been the world leader in residential skylights, Sun Tunnels and roof windows and is one of the strongest global brands in the building materials sector.

Over the past decade VELUX Commercial, a new division under the VELUX Brand has revolutionized the offering of daylight solutions for commercial buildings.

VELUX Commercial delivers the same product quality and innovation as our residential line. We offer daylight solutions for commercial buildings such as offices, schools, healthcare facilities, airports, shopping malls and retail stores, large public buildings, railway stations and industrial buildings. In 2012, in collaboration with Foster + Partners we launched the VELUX Modular Skylight, a prefabricated modular skylight system designed with both architects and installers in mind. The combination of technology, innovation, imagination and expertise has created a flexible and simply stunning skylight system that transforms any space into something special. Our Dynamic Dome provides low energy values, compact nesting for competitive pricing, harvest low light for more daylight hours and the architectural structured dome provides a beautiful feature.

Depuis 1941, le groupe VELUX est le leader mondial des puits de lumière résidentiels, des tunnels de lumière et des fenêtres de toit et est l'une des marques mondiales les plus fortes dans le secteur des matériaux de construction.

Au cours de la dernière décennie, VELUX Commercial, une nouvelle division sous la marque VELUX a révolutionné l'offre de solutions d'éclairage naturel pour les bâtiments commerciaux.

VELUX Commercial offre la même qualité de produit et la même innovation que notre gamme résidentielle. Nous proposons des solutions d'éclairage naturel pour les bâtiments commerciaux tels que les bureaux, les écoles, les établissements de santé, les aéroports, les centres commerciaux et les magasins de détail, les grands bâtiments publics, les gares et les bâtiments industriels. En 2012, en collaboration avec Foster + Partners, nous avons lancé les puits de lumière modulaires VELUX, un système de puits de lumière modulaire préfabriqué conçu à l'intention aussi bien des architectes que des installateurs. La combinaison de la technologie, de l'innovation, de l'imagination et de l'expertise a créé un système de puits de lumière flexible et simplement étonnant qui transforme tout espace en quelque chose de spécial. Notre dôme dynamique offre de faibles valeurs énergétiques, un emboîtement compact pour un prix compétitif, une récolte de lumière faible pendant plus d'heures de jour et le dôme architectural structuré offre une belle propriété.

Programming: 

Live:

Session # 1: Modular Skylights in Residential Applications

November 10, 2020 at 2 pm ET/ 11am PST

Designed with Foster + Partners, the VELUX Modular Skylight, VMS, is a beautiful, high-performance, quickly installable and reliable skylight system. VMS redefines sloped glazing with its fiberglass frame and factory manufactured precision. If you love the light and fresh air that you can get from a skylight but are nervous about energy or quality, be nervous no more, we have a skylight system for you.

Session #2: Principles of Daylight from Above – Light Shaft Design

November 17, 2020 at 2 pm ET/ 11am PST



Our experience of a space can be greatly affected by the quantity and quality of daylight penetrating the building. Whether subtly implemented or acting as a defining feature, the design of the space between the roof opening and the ceiling, namely the light shaft, frames the sky and ushers daylight to play a major role in orchestrating the atmospheric qualities of a room. This webinar will discuss the key elements in the design of light shafts as they relate to bringing in more daylight from the roof with case studies and modeling. We will review common light shaft designs and their implications as well as explore creative light shaft solutions and how they can achieve various qualities of daylight.

Session #3: Ask our Skylight Experts – Live Q&A

November 24, 2020 at 2 pm ET/ 11am PST

We are opening up the virtual floor in this Live Q&A session to all participants who watched any of our previous webinars or anyone who simply wants to ask a specific question relating to skylights or daylighting from above. Submit any questions you may have prior to the date of this webinar, or come prepared with a question in hand. This will be a time to clarify information discussed in our previous webinars, as well as tackle some important and frequently asked questions that may not have been previously covered.

#### On Demand:

Session #1: Technical Guide to Designing with Daylight From Above - We may not initially realize it, but we as humans are innately drawn to spaces that are well daylit. This presentation will focus on core principles to daylighting in buildings and how to best achieve the desired quantity and quality of light in a given design. Daylight models and case studies will be used to observe how light enters a building from above and explore techniques of designing openings, ceilings, and overall spaces to optimize for daylight. Design strategies will be presented that pertain to the density of openings, scale, and light shaft design and how they are used to achieve a certain quality of daylight. Product considerations will give understanding to glazing properties, compliance for codes and standards, and elements relating to energy and structure.

Session #2: Balancing the Energy of Skylights in Canada - Skylights can deliver more daylight deeper into buildings, can bring in more fresh air and often can provide better views than vertical windows. Skylights can also have a larger impact on the annual energy load of the buildings, but not always. As we move towards data driven design, it is now more important to understand how the performance of skylights and how they're integrated into the building will impact a building's energy load. Only then will we be able to make informed choices and balance the benefits of skylights with the impact on the energy load. This webinar is the start of an exploration to determine the principles of the annual energy load of skylights and how the skylight performance selection and integration into the building will impact the building's energy load in Canada.

Session #3: Skylights in the Industrial, Commercial, and Institutional Sector - Daylight and fresh air are essential in the buildings that we spend most of our time in working, learning, and exploring. Many architects are now working on projects involved in the ICI sector, and creating a healthy indoor environment can be challenging. This webinar will discuss the common distinct qualities of industrial, commercial, and institutional buildings and how we relate them to daylighting and natural ventilation design and demands. We will explore the benefits of daylight and fresh air as well as the various commercial VELUX products and how to determine the best skylight and application for these various building types.

## 12. Rockfon



Rockfon provides customers with a complete ceiling system offering, combining stone wool ceiling panels with suspension grid systems, metal ceiling solutions, and now wood ceilings. Our products help create beautiful, comfortable spaces. Easy to install and durable, they protect people from noise and the spread of fire while making a constructive contribution toward a sustainable future.

Chez Rockfon, nous offrons un large éventail de produits acoustiques en laine de roche, de plafonds de métal et de systèmes de suspension. Nos systèmes de plafonds s'installent facilement, sont durables et protègent contre le bruit, les germes et la propagation des flammes. Avec toutes les options de design offertes, vous n'aurez pas à faire de compromis sur l'esthétique de vos plafonds.

Programming: 

Live:

Session #1: **Ceiling Systems for High- Performing Healthcare Facilities**

November 6, 2020 at 12 pm CST/ 1 pm EST

Presenter: Diana Hart

This course demonstrates how a ceiling system plays an important part in the overall healthiness of the building, as well as the patients and staff.

On Demand:

**Acoustic and Aesthetic Suspended Ceiling Solutions Using Stone Wool** - This presentation will discuss and explain in detail the features and benefits of using stone wool acoustical ceiling tiles. There will be an introduction to acoustics along with acoustical challenges and resolutions in commercial buildings.

## 13. Passive House Canada

**PASSIVEHOUSE  
CANADA**

**MAISONPASSIVE  
CANADA**

Passive House Canada is a national non-profit professional association advocating for the Passive House high-performance building standard. Passive House is recognized internationally as the proven best way to build for comfort, affordability and energy efficiency of residential, institutional and commercial buildings, through all stages of design, construction, and livability.

Maison Passive Canada est une association professionnelle nationale sans but lucratif qui préconise l'adoption de la norme de construction à haut rendement énergétique Maison Passive. La norme est reconnue partout dans le monde comme la meilleure façon de construire des bâtiments résidentiels, institutionnels et commerciaux plus confortables, abordables et écoénergétiques, et ce, à toutes les étapes de la conception, de la construction et de l'habitabilité.

Programming:



Live:

Building Conversations Webinar

Wednesday November 18, 2020 at 12pm EST

Discussion with Mark Ashby

Canada has been a leader in new PH construction but has lagged a bit on the EnerPHit retrofit front. Obviously COVID has been dominating the news cycle. We don't see building energy performance and building health as exclusive issues and there's benefit to illustrating how these objectives align.

On Demand:

How High-Performance buildings impact the design process - Are you new to the Passive House Standard? In this webinar, Evelyne Bouchard, Course Instructor and Board Director for Passive House Canada, will present the basic principles of Passive House design and the performance metrics of the International Passive House Standard. Evelyne will also share which design decisions will have the greatest impact on energy consumption, comfort and durability. Using two projects, a single-family house and a 90-unit affordable housing complex, she will share her insights on the impact of high-performance buildings on the design process.

This is an introductory-level presentation aimed at professionals involved in the construction industry who are curious to learn about high-performance buildings and who are new to the Passive House Standard.

## 14. NBS - National Building Specification - Canada



Chorus is a cloud-based software for architects, BIM Managers, engineers and project managers that allows them to easily create, manage and collaborate on the specifications for any infrastructure, construction or design project from anywhere and on any device.

Chorus est un logiciel basé sur le cloud pour les architectes, les gestionnaires BIM, les ingénieurs et les chefs de projet qui leur permet de créer, de gérer et de collaborer facilement sur les spécifications de tout projet d'infrastructure, de construction ou de conception de n'importe où et sur n'importe quel appareil.

Programming:



Live:

Join us on any day (except Wednesdays) between November 2nd - 27th 2020 at 10AM PST / 1 PM EST to discuss the importance of BIM and the direct linkage to specifications using NBS Chorus.

Discover how easy it is to coordinate your specifications to your 3D model with the NBS plugin. This allows for accurate annotation and cross-referencing across all drawings and schedules.

On Demand:

Session #1: NBS: Collaboration - Adam James, Ryder Architecture

Session #2: NBS: Ryder architecture - Bringing the approach together

Session #3: NBS: Collaborative and connected Digital specification with NBS online video cutter com

Session #4: NBS: Discover NBS

Session #5: NBS: An introduction to NBS & NBS Chorus

## 15. Material Bank



Material Bank, the world's largest materials marketplace in the A&D industry, is the fastest and most powerful way to search and sample materials. Members can search across hundreds of brands on a single site, collaborate using powerful tools, easily connect with brand reps, and samples ordered by midnight (ET) are delivered in a single box the next day— always free for design professionals.

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## 16. Entro



With a legacy dating back 50 years and a team of over 55 in offices in Toronto, Calgary, New York, Sydney and Zürich, Entro is a world leader in the field of branding and environmental design.

Entro uses design to connect people to place. Our practice is built on an avant-garde design philosophy grounded by the science of human interactions and the belief that everyday experiences should be inspirational. We call on design to fuel a dialogue between users and the spaces they inhabit – from hospitals and transit hubs to museums, arts facilities, corporate and educational campuses, and throughout cities.

Our work gives places identity and meaning; it makes complex places navigable; it reveals the history behind new places. We create design that is both practical and beautiful, and we look ahead to the future, anticipating trends and developments. We believe graphics and media can be used to enhance spaces, guide visitors in an intuitive way, create a powerful sense of place and have a profound effect on the way we connect with places in our everyday life.

We offer design services in wayfinding, signage, environmental graphics, exhibit design, branding and media architecture. Our interdisciplinary team brings together expertise in fields ranging from art to neuroscience.

Programming:



Live:

### **Making the Wayfinding Journey Accessible**

Wednesday November 4 at 12:00PM to 1:00PM ET

Join Edmund Li, Associate / Design Director at Entro and Michelle Parrish, Creative Director at Entro as they explore the key points of addressing accessibility issues in public spaces through signage design. Architects and designers are working towards more accessible spaces for all. How do we transform the way we think about accessing the space around us? How do we initiate a shift in the way that we think about abilities? How can we improve the wayfinding experience? Attendees will learn how to think about the whole accessible journey from a signage and wayfinding perspective.

Edmund Li is the co-author of the RGD AccessAbility 2: A Practical Handbook on Accessible Graphic Design:

<https://www.rgd.ca/resources/accessibility/access>

### **Integrating Technology and Environmental Design to Enhance the Passenger Experience after a Global Pandemic**

Wednesday November 11 at 12:00PM to 1:00PM ET

Impacts of the COVID-19 reality are challenging us to think differently about the passenger experience and how we can preserve a positive experience while ensuring the health and safety of all passengers. This presentation will show how, by integrating technology and environmental graphic design principles, we can do just that. Facial recognition, thermal screening, smartphones, and other technologies can all help to ensure our safety as we travel. But what is the right mix? And what is the impact on passengers? Environmental graphic design is primarily concerned with orientation, sense of place, and passenger wellbeing. Join Laura Sellors, Partner at Entro, and Teodor Herman, Project Coordinator at Entro, as they explore synergies and challenge how these elements intersect and combine to ensure spaces meet safety regulations and welcome passengers at the same time.

## **(way)Finding Safety and Wellbeing in the Workplace**

Wednesday November 18 at 12:00PM to 1:00PM ET

As we plan to return to the workplace, there has never been a better time to ensure that these environments are designed to support wellness in the short and long term. The key will be to balance a sense of welcome and inclusion with a continued assurance of safety. Through wayfinding – how we move through and understand the space around us – we can improve user experience and nurture occupant confidence while providing the flexibility to maintain ever-changing distancing and health requirements. Prescriptive modelling software, an understanding of natural human behaviour, and well-designed, strategically-placed signage each play a critical role. From the more overt communication requirements to those that rely on human intuition, as well as people-centric policies and technology that can adapt to shifts in cultural norms and enable individual autonomy, this session led by Cristina Kelly, WELL AP, Associate at Entro and Amy Rosen, Sociospatial Designer at PLASTARC, will help attendees understand how to set up the workspace for a flexible, positive, and safe return.

## **Creating a Holistic and Integrated Transit Network through Wayfinding and Placebranding – OTranspo Case Study**

Wednesday November 25 at 12:00PM to 1:00PM ET

Join Vincent-Matthieu Gratton, Partner at Entro, as he explores how OTranspo, an expanding multi-modal transit system with a high degree of historical brand equity, was able to successfully integrate a new service mode and a refreshed brand image into its existing network. This session will also examine how branding and signage were applied to maintain OTranspo's original brand equity, while improving how local users and visitors experience and understand the system.

On Demand:

**Placemaking in a Post-Pandemic World** - There can be no doubt that COVID-19 has brought about a fundamental shift in our use of, and attitudes towards, place. From policies of physical distancing locally and internationally to the closing of our cultural institutions and the sudden rise in remote offices, the practice of placemaking — connecting people to place — is undergoing an era of uncertain and rapid change.

As our communities continue to grapple with the widespread implications of the global pandemic, Entro looked to anticipate the future of placemaking by hosting an online panel with key industry leaders on how placemaking has changed in light of COVID-19, and how it will continue to change.

**Passenger Experience After a Global Pandemic** - As we start to hear the promise of plans for loosening COVID-19 restrictions, a lot of us wonder about one area in particular – travel. Specifically, we wonder how the airport experience we know today will be much different as we move through these changes: How will we maintain social distance? Will there be screenings for the virus and how will they be conducted? How will airports handle travellers from different countries with varied policies? What does the journey through the airport look like? How will this affect the future of air travel all together?

On May 21st, we hosted a 1-hour panel, 'Passenger Experience After A Global Pandemic', with key industry leaders for a thought-provoking conversation on the ways that airports, airport environments, and wayfinding will need to respond to the upcoming phases of our world returning to travel.

**Returning to a New Workplace** - With key industry insight from experts in graphic, interior and architectural design as well as the WELL Building Standard, we will discuss how offices will not only need to respond to health and safety measures related to COVID-19, but also a workforce that has been immersed in a virtual work-from-home environment and may have entirely new expectations. Beyond creating safe and healthy environments, what will the 'new normal' workplace look and feel like? Does the workplace need to become more personalized, more human, more adaptable? How do we balance those ideals with health and safety protocols, and what is the role of design to help address these changes?

**Transit Readiness Post-Pandemic** - For years we've seen a greater focus on transit, with major investments in infrastructure and transit-oriented developments. Before the pandemic, it was becoming increasingly evident that transit was the more affordable, environmentally-friendly, safe and in many cases, convenient transportation option. COVID-19 has brought many of these qualities into question, the most obvious being public and employee safety. The transit industry is rethinking previous strategies and priorities, looking seriously at issues such as overcrowding, poor standards of cleanliness and other user concerns. Will this be enough to ease the common rider's worries as regular transportation is re-opened? What does the public require from a communications and design standpoint to feel confident that the transit experience will allow for the distance and cleanliness measures required to prevent any further spreading of the virus? Beyond COVID-19, what does the transit experience of the future look like and what are the design strategies to ensure we keep up with changes in demand while still balancing the bottom line?

## 17. Owens Corning



Owens Corning is a global building and industrial materials leader. The company's three integrated businesses are dedicated to the manufacture and advancement of a broad range of insulation, roofing and fiberglass composite materials. Leveraging the talents of 19,000 employees in 33 countries, Owens Corning provides innovative products, manufacturing technologies, and sustainable solutions that address energy efficiency, product safety, renewable energy, durable infrastructure, and labor productivity. These solutions provide a material difference to the company's customers and make the world a better place. Based in Toledo, Ohio, USA, the company posted 2019 sales of \$7.2 billion. Founded in 1938, it has been a Fortune 500® company for 65 consecutive years. For more information, please visit [www.owenscorning.com](http://www.owenscorning.com).

Owens Corning est un chef de file mondial des matériaux de construction et industriels. Les trois divisions intégrées de la société se consacrent à la fabrication et à l'avancement d'une large gamme de produits expressément conçus pour l'isolation, les toitures et les systèmes composites. S'appuyant sur les talents de 19 000 employés dans 33 pays, Owens Corning offre des produits novateurs, des technologies de fabrication et des solutions durables qui abordent l'efficacité énergétique, la sécurité des produits, l'énergie renouvelable, les infrastructures durables et la productivité de la main-d'oeuvre. Ces solutions font une réelle différence pour les clients de la société et contribuent ainsi à rendre le monde meilleur. Basée à Toledo, dans l'État de l'Ohio, aux États-Unis, la société a enregistré des ventes totalisant 7,2 milliards de dollars en 2019. Fondée en 1938, la société figure chaque année parmi les sociétés Fortune 500® depuis 65 ans. Pour de plus amples renseignements, veuillez consulter le site [www.owenscorning.com](http://www.owenscorning.com).

### Programming:

Live:

Session #1: Principles of Acoustics

November 10, 2020 at 11:00 am - 12:00 pm EST

The National Building Code of Canada 2015 has introduced new acoustic requirements for separating assemblies between dwelling units. Come learn about the basic principles of acoustics and how to design separating wall and floor assemblies meeting and exceeding the new ASTC Code requirements.

Session #2: Addressing Thermal Bridges in Exterior Wall Assemblies

November 20, 2020 at 12:00 pm - 1:00 pm EST

Summary:

- New energy code requirements and path toward mandatory zero energy ready for all new buildings by 2032
- Impact of thermal bridges on assembly U value
- Thermal bridge solutions
- Thermal bridge design guides
- New Owens Corning® Thermafiber® RainBarrier® ci High Compressive mineral wool insulations

On Demand:

Session #1: Accelerating to Net Zero Energy Ready with Durable Building Enclosures - Part 1





## 18. Polymershapes Distribution Canada Inc.



You're the Center of All We Do

Polymershapes is the premier distributor of plastic sheet, rod, tube, film, and associated products, with over 70 years of industry-leading heritage. We have the industry's most knowledgeable and highly trained sales and customer service team. Our network of 70 stocking facilities, located throughout the US, Canada, Mexico and Chile, enables our customers access to extensive local inventory from world-class supplier partners, and we can provide same day delivery in many locations. We offer expert conversion capabilities including cut-to-size sheets, film conversion and CNC routing and machining. We consistently deliver innovative solutions to delight our customers.

A division of Polymershapes, Insulgard™ Security Products provides architectural security systems built to resist ballistic, forced entry, and wind and impact threats. With the ability to take projects from concept through finished product, Insulgard adds expertise and value every step of the way. The Insulgard portfolio includes a vast array of products and systems, commonly found in banks, convenience stores, commercial and government offices, and retail establishments, such as counterlines, glazing materials, windows, doors, framing systems, transaction windows, and document and package passers. With one of the largest installation networks in the industry, we are able to serve customers across the nation.

Polymershapes est le chef de file dans la distribution de plastique en feuille, tige, tube, film et de plusieurs produits connexes, avec plus de 70 ans en tant que leader de l'industrie. Nous sommes reconnus dans l'industrie pour notre expertise, notre service à la clientèle et pour notre représentation des plus expérimentée. Notre réseau de 70 centres de distribution localisés partout à travers le Canada, les États-Unis, le Mexique et le Chili permet à tous nos clients d'avoir accès à un large inventaire de matériaux provenant fournisseurs/partenaires hors pair : plusieurs de nos locations offrent le service de livraison la même journée. Nous offrons un service professionnel de coupe sur mesure, de conversion de film et d'usinage à la machine CNC. Nous nous assurons de constamment surpasser les attentes de nos clients en offrant des solutions innovatrices.

Insulgard Security Products, une division de Polymershapes fournit des systèmes architecturaux de sécurité conçus pour résister aux impacts balistiques, aux intempéries ainsi qu'aux intrusions. Avec l'expertise dans la gestion de projet, de la conception jusqu'au produit fini, Insulgard apporte une valeur ajoutée à chaque étape. Le porte-folio d'Insulgard inclut une vaste gamme de produits et de systèmes couramment utilisés dans les banques, les dépanneurs, les bureaux commerciaux et gouvernementaux ainsi que dans les établissements de ventes détails pour les comptoirs, le vitrage, les fenêtres, les portes, les systèmes de cadrage et les fenêtres de transaction. Avec l'un des plus grands réseaux d'installation de l'industrie, nous sommes en mesure de desservir nos clients à travers le pays.

Programming:

Live:

Introduction to performance plastics & systemized security

November 12th at 2 pm to 3 pm EST

## 19. RSM Canada



**THE POWER OF BEING UNDERSTOOD**  
AUDIT | TAX | CONSULTING

RSM's purpose is to deliver the power of being understood to our clients, colleagues and communities through world-class audit, tax and consulting services focused on middle market businesses. The clients we serve are the engine of global commerce and economic growth, and we are focused on developing leading professionals and services to meet their evolving needs in today's ever-changing business environment.

Serving over 1,000 clients in business and professional services, including architecture and engineering firms, law firms, agencies and other consultancy businesses, RSM Canada's dedicated team of professionals is highly attuned to the industry's accounting requirements, reporting and business issues, as well as evolving tax legislation. For more information about RSM Canada's affiliates, visit [rsmcanada.com](http://rsmcanada.com), like us on [Facebook](#), follow us on [Twitter](#) and/or connect with us on [LinkedIn](#).

L'objectif de RSM est d'appliquer le slogan, « La force d'être compris », aux clients, aux collègues et aux collectivités à travers des services d'audits, de conseil fiscal et de conseil en gestion centrés sur les entreprises du marché intermédiaire. Nos clients sont les moteurs du commerce mondial et de la croissance économique, et nous sommes résolus à mettre à leur disposition des experts et des services hors pair pour répondre à leurs besoins, aussi changeants que l'environnement commercial.

Au service de plus de 1000 clients dans le domaine des finances et des services aux entreprises, y compris des cabinets d'architecture, l'équipe de professionnels chez RSM Canada est très dévouée et à l'affût des enjeux économiques et financiers de l'industrie, des exigences en matière de comptabilité ainsi que de l'évolution des législations fiscales. Pour plus d'information sur RSM Canada et ses affiliés, visitez [rsmcanada.com](https://rsmcanada.com), aimez-nous sur [Facebook](#), suivez-nous sur [Twitter](#) et/ou communiquez avec nous via [LinkedIn](#).

## Programming:



Geared specifically to the business and professional services industry, our 5-part webinar series provides a deeper look into the 5 key areas identified in our related article on embracing digital agility. RSM's professionals examine how leading firms utilize technology to yield revenue growth, complement the workforce and unlock value to clients. Topics include data analytics and reporting, customer engagement, employee enablement, and more.

## Upcoming On Demand:

Data analytics and reporting

November 23

Information as a strategic asset can be an accelerant in your business' digital journey. The right reporting, analytics and information delivery capabilities can be transformational for your organization. Business and professional services companies will need to take a broader view of their data platform and find new ways to aggregate and consolidate their data sources, allowing them to leverage real-time key performance indicators to identify problem areas and key opportunities sooner. This webcast will address how these data-driven insights can be leveraged.

## On Demand:

Session #1: Digital Transformation Series #1: Secure and Stable Technology - As firms move to increased automation and digital solutions and are fast implementing remote work strategies, there is increased risk on the firm's network and cloud solutions. This webcast will cover why firms will need to review their technology platform and security for improved controls, including testing for potential gaps in their IT environment.

Session #2: Digital Transformation Series #2: Business Operations - Leading business and professional services firms leverage technology to improve business operations with the customer outcomes in mind. By operating with a focus on customer value, they automate, streamline and eliminate manual processes with the objective of improving their ability to respond to changing customer expectations with speed, accuracy and improved information. As we see a shift in how organizations operate in a remote environment, this webcast will address the need to assess the maturity level of your current infrastructure and whether your current processes are leveraging emerging technologies to streamline operations and allow your employees to perform more value-added tasks.

## 20. Tremco



*Roofing & Building Maintenance*

Tremco Roofing is an international construction products and services company with roots reaching back to 1928. We are proud to manufacture locally in Canada, with our largest worldwide plant operating since 1930 out of Toronto, Ontario. We offer our design professionals and customers a complete line of high-performance and sustainable roofing solutions that include built-up roofing, modified bitumen, single ply, fluid applied, vegetated roofing, and metal roofing systems. In addition to our material offerings, Tremco provides the most extensive forensic offering by a roofing manufacturer in North America. Our services include infrared scanning, core cutting, asset management, rooftop safety audits and air barrier solutions.

## Programming:



### On Demand:

Session #1: New Trends In Rooftop Safety - We'll discuss Fiberglass Reinforced Plastic (FRP) technology, its benefits, local project profiles, and the different systems available. Additionally, we will provide information that matters to you on current OSHA codes as it relates to rooftop safety. Safety affects us all, whether we own the building or are working on top of it. This free webcast brings rooftop safety to the forefront of our everyday routines. 0.5 OAA credits offered.

Session #2: Liquid Applied Roofing Technology - Spend 30 minutes with us as we explore Polyurethane Liquid Applied Roofing Technologies and their exponential growth in the commercial roofing market. We will discuss the history of Liquid Applied Roofing, its benefits, applications, and cover some local project profiles. Additionally, we will look at the physical properties of Liquid Applied Roofing versus traditional flat roofing systems. 0.5 OAA Credits.

Session #3: Modified Bitumen Roofing Innovations - Join us as we explore modified bitumen roofing, their history, growth and the innovations currently being explored. We will also cover local project profiles and highlight some of the benefits of cold application. 1.0 OAA Credits will be offered.

Session #4: Built-Up Roofing - Join us as we explore Built-Up Roofing, its history, composition, benefits, and applications, as well as advancements to gravel, surfaced roof restoration. 1.0 OAA credits.

Session #5: Single Ply Roofing - Join us as we explore Single Ply Roofing, its history, the different types available, its advantages and disadvantages, as well as advancements in single-ply technology and single-ply restoration options. 1.0 OAA Credit.

## 21. Shop3D.ca



Shop3D.ca is where Canadians find the best desktop 3D printers, laser engravers and vacuum formers for architects, engineers, educators and makerspaces. With 3D printing showrooms in Toronto and Vancouver, we're more than just a web store. We answer questions, offer one-on-one consultations, and provide after-purchase training and support. Our expert sales and technical team will always aim to provide you with the best recommendations for your particular application.

### Programming:

#### Live:

Session #1: Desktop Tools For Architects I: Additive Workflow Solutions

November 11, 2020 at 11:00 am

3D scanning, 3D printing and vacuum forming work together to bring your architectural models to life. Learn how these tools work together to create unique parts for demonstrating your designs.

Session #2: Desktop Tools For Architects II: Subtractive Workflow Solutions

November 18, 2020 at 11:00 am

A desktop-sized CO2 laser and handheld CNC bring precision cutting to your workspace. Learn how these tools can be used to bring your designs to life quickly and with a surprisingly small footprint.

Session #3: Desktop Tools For Architects III: Applications & Use Cases

November 25, 2020 at 11:00 am

It's more than making stunning visual aides. We'll discuss the applications and benefits of 3D printing for architecture through real use cases. See how both time and money were saved by bringing production in-house.

## 22. Stego Industries



Known for our flagship Stego™ Wrap line of below-slab vapour barriers and retarders, we have earned the respect, trust, and recommendation of the architectural, engineering, and construction communities. Our clients have made Stego Wrap the most widely specified vapour barrier in North America. We will continue to develop and attract new solutions to help sustain the built environment, and to bring value to our customers.

Our company is a leader in industry education. Stego Industries provides thousands of continuing educational programmes each year. We will be pleased to share our expertise with you, as well as to help you reliably address any aspect of our products' selection, location, and installation.

Programming:



Live:

Vapour Barriers: Nuisance or Necessity?

November 3-5; 16-19 and 30 at 11 am to 12 pm EST

Provides an in-depth look at below-slab moisture and vapor protection. The program will examine building material failures, concrete degradation, property loss, negative health effects, and the liability associated with below-slab moisture intrusion. Moreover, the seminar is designed to update attendees on current standards and recommendations from ASTM, ACI, and PCA, as well as flooring and concrete experts from the industry. Questions about vapor retarders vs. vapor barriers, the use of poly/Visqueen, the location of the vapor barrier, radon gas, concrete moisture testing, concrete drying, and effective installation will all be addressed.

## 23. DesignABLE Environments



DesignABLE Environments Inc. (DE) is one of Canada's oldest and leading consulting firm that provides expertise to public and private sector clients on how to design the built environment to meet the needs of all people, including persons with disabilities and the elderly. DE has been instrumental in developing and popularising the philosophies of both barrier-free and universal design. We work to develop universal design opportunities within the architectural program by translating the needs of diverse populations into tangible design requirements. We accomplish this by encouraging barrier-free design features in every phase and stage in the design of facilities and spaces to ensure that accommodations and amenities are well integrated and beautiful. Our role is to ensure our clients have all the information they need to help them maximize the functional independence of all of their customers, staff, visitors and other users, in a dignified and integrated manner.

DesignABLE Environments Inc. (DE) est l'une des plus anciennes et des plus importantes sociétés de conseil du Canada qui offre son expertise à des clients des secteurs public et privé sur les méthodes de conception de l'environnement bâti afin de répondre aux besoins de tous, y compris des personnes handicapées et des personnes âgées. DE a contribué à élaborer et à populariser les philosophies de la conception universelle et sans obstacle. DE cherche à créer des projets de conception universelle dans le cadre du programme architectural en traduisant les besoins des diverses populations sous forme d'exigences de conception concrètes. DE préconise des caractéristiques de conception sans obstacle à chaque phase et étape de la conception des installations et des espaces afin de garantir que les locaux et les équipements sont bien intégrés et attrayants. Notre rôle comme consultant consiste à nous assurer que nos clients disposent de toutes les informations nécessaires pour leur permettre de maximiser l'indépendance fonctionnelle de tous leurs clients, employés, visiteurs et autres utilisateurs, dans le respect de la dignité et de l'intégration.

### Programming:

#### On Demand:

Session #1: Access 2 Accessibility - Vice President of DesignABLE Environments, Thea Kurdi, presents to accessibility advocacy group Access2Accessibility about Canadian Legislative Accessibility History and the Built Environment. Focusing on impacts of Canadian legislation on accessible housing and possible solutions proposed organizations.

Session #2: Dave Brown Show Segments - Thea Kurdi, Vice President of DesignABLE Environments, joins Dave Brown of AMI Radio to discuss accessibility every month. Check out her segment introducing universal design and the role of accessibility consultants in the built environment.

Session #3: AXSChat - Vice President of DesignABLE Environments, Thea Kurdi, joins #AXSChat discussions about accessibility with a focus on the built environment. Thea talks about the industry procedures regarding accessibility and areas to improve to address stigma.

Session #4: University of Waterloo's School of Architecture - Guest lecturer, Vice President Thea Kurdi, returns to teach students and professionals at the University of Waterloo's School of Architecture. Thea provides an overview of Canadian accessibility legislation and conducts a deep dive into accessible design considerations for doors and parking.

Session #5 - LivABLE Environments - Thea Kurdi, Vice President of DesignABLE Environments, presents at the LivABLE Environments conference, RAIC's new Introduction to Successful Accessible Design course. The course syllabus and opportunities available for CEU credits and graduate level academic credits are explained. Excerpts regarding accessible housing and design are included to connect with the conference theme of Living in Place.



## 24. i d d q d Studio Vancouver



Hyperreal ArchViz studio from Minsk/Vancouver.

A team of creatives sharing a unique vision that shines through every image. Architects, artists and IT experts who gladly face challenges, complexity and tight timelines. Driven professionals delivering successful projects for clients across the globe since 2015.

iddqd Studio's specialty are hyperreal visualizations that stand out. Our mission is to carefully frame our client's ideas by putting them into a remarkable setting that they deserve. We want our visuals to show more than meets the eye. Each image reflects our philosophy and our vision of a reality that rises above the ordinary.

Studio Hyperreal ArchViz de Minsk/Vancouver.

Une équipe de créatifs partageant une vision unique qui transparaît à travers chaque image. Des architectes, des artistes et des experts en informatique qui sont heureux de relever les défis, la complexité et les délais serrés. Des professionnels motivés qui livrent des projets réussis pour des clients du monde entier depuis 2015.

La spécialité d'iddqd Studio sont les visualisations hyperréalistes qui se démarquent. Notre mission est de cadrer soigneusement les idées de nos clients en les mettant dans un cadre remarquable qu'ils méritent. Nous voulons que nos visuels montrent plus qu'il n'y paraît. Chaque image reflète notre philosophie et notre vision d'une réalité qui dépasse l'ordinaire.

Programming:



Live:

HOW TO CREATE POWERFUL VISUALIZATIONS + Q&A

November 25, 2020 at 2:00 pm to 3:00 pm EST

The webinar uncovers techniques that lie behind the creation of powerful architectural visualizations. The presentation covers 4 essential aspects of a stunning image: Composition, Light, Color, and Storytelling.

The presented techniques could be easily applied to your creative process to make visuals that instantly make an impact.

On Demand:

HOW TO CREATE POWERFUL VISUALIZATIONS - The webinar uncovers techniques that lie behind the creation of powerful architectural visualizations. The presentation covers 4 essential aspects of a stunning image: Composition, Light, Color, and Storytelling.

The presented techniques could be easily applied to your creative process to make visuals that instantly make an impact.



## 25. CRL



CRL is the industry's leading, full-service provider of architectural metals, glass fittings, and professional-grade glazing supplies. The company leverages more than 50 years of experience and a track record of industry firsts to offer a one-stop shop with a breadth of innovative product choices. Expert support from specification to installation, and fast, reliable service help customers complete projects on time and on budget. CRL focuses on expanding opportunities for all to turn bold architectural visions into real world experiences.

Programming:



Live:

Session #1: Glass Entrance Specification: What You Need to Know

November 10, 2020 at 1 pm - 2 pm EST/10 am - 11 am PST

The presentation will discuss key considerations when specifying glass entrance systems. Topics include aesthetics, accessibility, code compliance, hardware considerations, and performance standards. It will also review the current trends influencing glass entrance design and application. A certificate of completion will be provided upon request.

Session #2: Glass Railing Systems: Critical Code and Design Considerations

November 24, 2020 at 1 pm - 2 pm EST/10 am - 11 am PST

The presentation will give participants a working knowledge of glass railing applications, code compliance, and performance standards. They will gain a solid understanding of monolithic and laminated glass railing systems, installation methods, guardrails, handrails, and other specialty components. A certificate of completion will be provided upon request.

On Demand:

Glass Entrance Specification: What You Need to Know - This presentation will discuss key considerations when specifying glass entrance systems. Topics include aesthetics, accessibility, code compliance, hardware considerations, and performance standards. It will also review current trends in design and application.

## 26. Eventscape

# EVENTSCAPE

TORONTO | NEW YORK | DETROIT

Eventscape's mission is to "build the extraordinary"®, redefining the boundaries of architectural fabrication and working hand-in-hand with creative partners. The 150-person company, with headquarters in Toronto and locations in Detroit, and most recently, New York, thrives on challenges and is driven by a shared passion for innovative design. Considered a global leader with over 25 years of experience in the industry, Eventscape has continually evolved, redefining skills and services offered in step with the highest caliber design and build demands of its growing client base of leading architectural and design studios across the globe. Its highly skilled team includes: architects, interior, industrial and graphic designers, engineers, metal, millwork and other specialized fabricators. They build things others can't.

**Enjoy a film at ADFF, Architecture & Design Film Festival, November 19 to December 3, 2020.**



Please email [julia.d@eventscape.com](mailto:julia.d@eventscape.com) to receive a promotion code for one film Compliments of Eventscape.

A selection of 17 films can be viewed during the festival including the North American premiere of Bjarke Ingel's "Making a Mountain" as well as Raymond Moriyama's "Magical Imperfections."

### Programming:



#### Live:

Design Concepts to Reality with Custom Architectural Fabrications

Presenter: Gareth Brennan, President, Eventscape

November 13, 2020 at 12 pm to 12:30 pm EST

November 25, 2020 at 4:30 pm to 5 pm EST

#### On Demand:

Design Concepts to Reality with Custom Architectural Fabrications - Attend a half hour CEU and learn how you can make your design vision in any material, scale or complexity come to life on time and on budget by working with a knowledgeable, experienced custom fabricator. The presentation includes several Case Studies including the 65,000 square foot, 80-foot tall custom metal architectural feature wall at Rocket Mortgage Fieldhouse in Cleveland, Ohio. The sculptural metal curtain wall is made up of a total of approximately 4,000 unique metal panels, each with a 1-degree bend across the face and over 12,000 unique fabricated parts which come together in a faceted and reticulated geometric display. To manage the complexity of multiple parts, Eventscape designers employed a unique parametrically driven design and fabrication approach. They developed a computational script incorporating a set of rules to generate the design of each unique part, as well as rules for compatibility, orientation and sizing. A truly amazing project that was completed in 16 months with 0 change orders and 0 deficiencies.

## 27. Master Builders Solutions



Master Builders Solutions offers advanced chemical solutions for new construction, maintenance, repair or renovation of structures. The brand builds on the strengths of many legacy of products and represents our experience of more than 100 years in the construction industry. Our comprehensive construction chemicals portfolio includes concrete admixtures, waterproofing solutions, concrete repair and protection solutions, performance grouts and performance flooring solutions.

Master Builders Solutions propose des solutions chimiques avancées pour la construction neuve, l'entretien, la réparation ou la rénovation de structures. La marque s'appuie sur les atouts de l'héritage de nombreux produits et représente notre expérience de plus de 100 ans dans le secteur de la construction. Notre gamme complète de produits chimiques de construction comprend des adjuvants pour béton, des solutions d'imperméabilisation, des solutions de réparation et de protection du béton, des coulis de performance et des solutions de revêtement de sol de performance.

Programming: 

Live:

Session #1: Caulk and Sealants

November 6, 2020 at 12:00 - 1:00 pm EST

One of the keys to waterproofing a building is the adequate treatment of joints and connections between the various components. Such a small detail can cause serious damage to the structure if not properly design. In this course we will review and compare the various technologies available for joints treatment. As well, the proper installation methods will be explained and how to prevent failures.

Session #2: Protection of Pedestrian and Vehicular Traffic Surfaces

November 13, 2020 at 12:00 - 1:00 pm EST

Parking garage decks are exposed to high amounts of calcium chloride and carbonatation due to the continuous traffic. This makes these structururs particularly at risk to corrosion and failure if no proper system is installed to protect the concrete slab. The installation of a urethane waterproofing membrane is the only solution that can successfully protect the concrete in a parking structure. In this presentation we will learn more on this system and how to assure a long term performance.

On Demand:

Both sessions #1 and #2 will be available on demand after the live session is over.

Session #3: Building Enclosure Tech Talk

## 28. RAIC Continuing Education

[RAIC Continuing Education](#) - Learn more about the [RAIC Continuing Education](#) programming and resources here!

"Architects have an intuitive ability to adapt to changes in the marketplace and society. Remaining agile and innovative in a constantly changing world is part of lifelong learning. By building skills and tools through continuing education opportunities, architects will be in an even better position to weather these changes and lead in the industry."

### Programming:

#### On Demand:

Session #1: [Construction Contract Administration & Field Review](#) Page

Lesson Unit One - Presentation One - Introduction

Session #2: [Project Risk Management](#) Page

Lesson Unit One - Presentation One - Introduction to Architectural Project Risk

Session #3: [Introduction to Successful Accessible Design](#) Page

Lesson Unit One - Presentation One - Introduction to Accessibility

Session #4: [RAIC x CIMS: From Point Cloud to Existing Conditions BIM with Revit](#) Page

The Royal Architectural Institute of Canada is pleased to partner with the [Carleton Immersive Media Studio](#) for exclusive workshops and courses in the areas of heritage conservation and emerging technologies. More information can be found online: [raic.org/heritage](http://raic.org/heritage)