



**Full Day Session  
Thursday, February 12<sup>th</sup>, 2009**

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**8:00 AM to 4:30 PM  
SALA SAN MARCO  
215 Preston Street, Ottawa, Ontario  
RSVP (Registration for event is required)**

***“Providing (En)Closure for  
Better Building Performance”***

BECOR is pleased to host this one-day seminar in which opportunities in enhancing the performance of our building enclosures, whether in new construction or renewing our existing stock, will be presented.

The morning session will focus on new Quality Assurance Protocols for the design and installation of EIFS wall assemblies.

The afternoon presentations will focus on opportunities and strategies to improve the energy performance for the retrofit or renewal of our building stock, including a major initiative (the Tower Renewals Project) by the City of Toronto to improve the condition and performance of it's building stock. Results will also be presented from an ongoing research project whose objective is to review and assess the effects of building enclosure improvements on the space conditioning energy use in typical high-rise residential buildings and then to develop better strategies to take into account enclosure repairs, energy conservation and greenhouse gas emissions.



**Presenters:**

**Ted Kesik – University of Toronto**  
***Tower Renewals – Strategies for improving the  
performance of our aging building stock***

Tower Renewal is a term used to describe the comprehensive retrofit of high-rise apartment buildings constructed primarily from the 1960s to the 1980s. The comprehensive retrofits typically include insulated over-cladding of the existing building envelope, window and roofing replacements, and the



upgrading of HVAC equipment. Water conservation and a switchover to energy efficient lighting are also recommended measures. The idea is to transform these existing buildings into real estate assets that are fully renewed and perform better than new buildings constructed to current standards.

The Tower Renewal Guidelines project represents applied research aimed at assisting owners, designers, restoration contractors and regulatory officials ensure the full benefits of Tower Renewal are achieved. In terms of durability, much of the tower apartment building stock has performed admirably for the past half century, but within the context of high energy costs and global warming, a major makeover is needed now. The currently proposed cycle of renewal should provide at least another 50 years of reliable service and sustainable performance. These guidelines seek to establish a framework for responsibly meeting our obligations to the future generations who will inherit this invaluable housing resource.



### **Warren Knowles - RDH Building Engineering** ***Energy Consumption in Mid- and High-rise Residential Buildings***

Warren Knowles will present the findings from an on-going government and industry sponsored research project whose principal objectives are to determine actual energy consumption of typical high-rise residential buildings, and to review and assess the impacts of building enclosure improvements on the overall energy consumption.

To perform this study, detailed energy consumption data is provided by the local gas and electric utility providers for several buildings in the Lower Mainland of British Columbia prior to and after the building enclosure rehabilitation work. Baseline energy consumption is compared pre- and post-building rehabilitation to understand the impact of the enclosure upgrades.

Baseline energy data is presented to understand the current level of energy consumption within high-rise residential buildings. The effectiveness and relative improvements in energy efficiency of different building enclosure improvements including: increased thermal insulation, thermally improved window frames and glazing, and increased air-tightness are also examined. The results of this study will also be used to develop better building enclosure design strategies that take into account energy conservation, and help reduce greenhouse gas emissions in both new and existing buildings.



## **John Garbin – EIFS Council of Canada** ***The EIFS Quality Assurance Protocol***

John Garbin will be presenting an introduction of the new EIFS Quality Assurance Protocol as prepared by the EIFS Council of Canada. His discussion will look at what the QAP is, where it came from, what it is intended to provide, and how its role-out will occur. This will include some discussion on QAP's development, the intentions behind it from the EIFS industry perspective, how it is to be adopted and implemented, and what it is hoped it will achieve to the design and construction industry in Canada.

John is the President/Executive Officer of both the EIFS Council of Canada (ECC) and the EIFS Quality Assurance Program Inc. (EQI), the two operating companies that represent the EIFS industry in Canada.

John was recruited to take the helm of the ECC in early 2007, having spent almost three decades in senior management positions with three of the leading multinational building technologies and products companies. His successful track record in the building industry has involved development and launch of new technologies that have since become accepted and entrenched national and international industries. He was a founding member of the EIFS Council of Canada in 1987 and served as its Chairman for the initial 3 years. The ECC proudly celebrated its 20th Anniversary last year.

In addition to his executive roles with leading building industry corporations, John has had an extensive history with major industry associations. He is Past -President of the Toronto Construction Association, Past Co-Chairman of the Board of CMHC International as well as a past Board member of the Association of Wall and Ceilings International (AWCI). He played a key role in the launch of Construct Canada in 1988 and served as its Chairman for the first 2 years of its now long and successful run as a leading international construction Exposition and Conference.

## **John Smith – Dryvit Canada** ***How manufacturers should adopt the EIFS Quality Assurance Protocol***

John Smith will discuss how an EIFS manufacturer and supplier should adopt the EIFS QAP into company practices, what types of records are to be developed and managed, the training requirements for staff and sales personnel, and how enforcement of company requirements is planned for implementation.



John Smith is the National Sales Manager for Dryvit Systems Canada based in Stouffville Ontario. Graduating from Loyalist College of Applied Arts & Technology (Belleville Ontario) in 1977 with a diploma in Chemical Engineering Technology, Mr. Smith has been employed within the construction industry for all but two years of his career. Having joined Dryvit in 1997 Mr. Smith has been an active participant in the EIFS Council of Canada and has served in various executive capacities during the course of his affiliation. John Smith, a motorcycle enthusiast, is married with two grown children and currently resides in Beaverton Ontario..

### **Andre Turrin – Durock Alfacing International Limited** ***How contractors should adopt the EIFS Quality Assurance Protocol***

Andre Turrin will discuss how EIFS contractors should adopt the EIFS QAP into company practices, what types of records should be developed and managed, the training requirements for their installers, and how enforcement of company requirements should be planned for implementation.

Andre joined DuRock Alfacing in 1997 as a sales representative, and has been DuRock's Technical Director since 2006. He was elected to the EIFS Council of Canada (ECC) Board of Directors in 2006, and is presently Vice-Chairman of the Board. Andre currently sits on the EIFS Council of Canada's QAP Committee, which is responsible for the development of the EIFS Quality Assurance Program, the S716 Task Group, which is responsible for the development of the ULC Family of Standards for EIFS, and the Technical Committee, which provides technical assistance to the Council and to other committees.

### **John Hackett – Pro-Demnity Insurance Company** ***EIFS – An Insurer's Perspective***

John Hackett will discuss EIFS from the perspective of one insurer, including; a presentation of the recently published *EIFS Survey Report*, where the issues are from Pro-Demnity's perspective, weaknesses in current practice, what is changing and why, some of the issues Architects should be considering with the QAP in terms of practice protection and coverage.

John is Vice President of Pro-Demnity Insurance Company, the wholly owned subsidiary of the Ontario Association of Architects that provides the mandatory professional liability insurance to Ontario architectural practices. John joined Pro-Demnity in 2004 as its first Risk Manager, after 35 years as a project architect and principal of Carruthers Shaw and Partners Architects. He is responsible for developing a pro-active loss mitigation program as well as provision of advice and assistance to architects respecting liability and insurance concerns. He has been involved with the EIFS Council of Canada during the development of the QAP.



## KEYNOTE SPEAKER



**Christopher Simmonds, B.E.S., B.Arch., OAA,  
MRAIC**

**Christopher Simmonds Architects**

***LEED Buildings and the Building  
Envelope: Recent Ottawa Examples***

Christopher Simmonds obtained his Bachelor of Environmental Studies from the University of Waterloo and subsequently graduated from the Carleton University School of Architecture in 1982.

In 1996 Christopher started his own professional practice, focusing on the relationship between buildings and the natural environment. His award winning projects are known for their deft integration of landscape and building.

In 2001 Christopher partnered with Linda Chapman Architect to design the Mountain Equipment Co-op store in Westboro, Ottawa. This was a ground breaking project with regard to its energy efficiency and environmentally advanced approach to construction. Christopher and Linda were lauded by International Design Magazine as one of their "Top Forty" socially conscious designers in 2001. Critic Rhys Phillips said "His use of materials is at a level of sophistication that is not found in private sector architecture in Ottawa" and picked M.E.C. as one of Ottawa's top buildings for 2000.

Since that time several of his projects including the Port Carling Community Centre in Muskoka and the new Blue Heron Housing Co-op and Acculift Flooring in Ottawa have achieved recognition for very low energy consumption.

His firm has also designed the recently completed Rideau Valley Conservation Authority in Manotick, which received a LEED Gold Rating. The center uses advanced approaches to water conservation and waste treatment minimizing environmental impact.

A sample of his projects may be viewed at [www.csarchitect.com](http://www.csarchitect.com).



# ***“Providing (En)Closure for Better Building Performance”***

## **Full Day Agenda – Thursday, February 12, 2009**

8:00 – 8:30	Registration – Continental Breakfast	
8:30 – 8:35	Welcome & Opening Remarks	Helene Roche, President BECOR
8:35 – 8:45	Introductions & Agenda	Tony Colantonio, Vice President BECOR
8:45 – 9:30	Introduction to the EIFS Quality Assurance Protocol	John Garvin, EIFS Council of Canada
9:30 – 10:30	How a Manufacturer Should Adopt the EIFS Quality Assurance Protocol	John Smith, Dryvit Canada
	How a Contractor Should Adopt the EIFS Quality Assurance Protocol	Andre Turin, DuRock Alfacing International
10:30 – 10:45	Health & Refreshment Break	
10:45 – 11:45	EIFS – An Insurer’s Perspective	John Hackett, Pro-Demnity Insurance Company
11:45 – 12:00	Panel Discussion on EIFS Quality Assurance Protocol	All Morning Presenters
12:00 – 12:45	Lunch & Networking	
12:45 – 1:30	Keynote Speaker: Christopher Simmonds, OAA LEED Buildings & the Building Envelope, Some Recent Ottawa Examples	Christopher Simmonds, Christopher Simmonds Architect
1:30 – 2:30	Tower Renewals – Strategies for Improving the Performance of our Aging Building Stock	Ted Kesik, University of Toronto
2:30 – 2:45	Health & Refreshment Break	
2:45 – 4:00	Energy Consumption in Mid & High-Rise Residential Buildings	Warren Knowles, RDH Building Engineering Limited
4:00 – 4:25	Discussion Forum for All Topics	All Presenters
4:25 – 4:30	Closing Remarks	Tony Colantonio, Vice President BECOR



*Providing (En)Closure for Better Building Performance*

## Registration Form

Name		
Title		
Company		
Address		
City	Province	Postal Code
Telephone	Fax	E-mail

(Please circle or check-mark appropriate fee level.)

	Members		Non-Members	
Seminar Fees	\$175.00 + 8.75 (GST) = \$183.75	<input type="checkbox"/>	\$225 + \$11.25 (GST) = \$236.25	<input type="checkbox"/>
Students Fees	\$75.00 + 3.75 (GST) = \$78.75	<input type="checkbox"/>	\$100 + 5.00 (GST) = \$105.00	<input type="checkbox"/>

**Note:** Registration response required by end of business day February 9, 2009. Lunch is included.

**For further information about this seminar or inquiry of membership status, contact  
Silvio Plescia at (613) 748-4091.**

*Method of Payment:*

**If paying by cheque:** Complete this form & make cheque payable to BECOR. **Mail to:**  
Chris Brisson, Fridgen Fenestration  
Unit 12 – 2615 Lancaster Road, Ottawa, Ont, K1B 5N2

**If paying by:** VISA  or MASTERCARD

**The information below must also be completed and this form faxed to Chris  
Brisson at Fridgen Fenestration (613) 247-4777; Tel: (613- 247-4700 )**

\_\_ VISA; \_\_ Mastercard; Card #: \_\_\_\_\_ Expiry Date: \_\_\_\_\_

Cardholder Name: \_\_\_\_\_

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