DESIGNING ACOUSTIC COMFORT FOR MULTI-UNIT RESIDENTIAL CONSTRUCTION

- Understanding Tarion Builder Bulletin No. 19R
- Designing to Limit Litigation in Acoustic Design
- Future Ontario Building Code Requirements (ASTC)
- Multi-Unit Residential Case Study

Tarion Builder Bulletin 19R (BB19R) requires condominium projects to undergo design and field review and reporting as of January 1st, 2017. This new version of BB19R builds on the previous version of BB19R, effective July 1, 2010. One of the major changes to BB19R, is the separation of Acoustical Review and Testing into a separate Risk Area to highlight the importance of warranty claim risks associated with inadequate acoustical performance. In addition to the revised Tarion requirements, the Ontario Building Code will feature new acoustical requirements as of January 1st, 2019. These new requirements will focus on system performance rather than component. The new language designers and builders/developers will need to focus on is ASTC (apparent sound transmission class) rating. This 3+ hour interactive session is intended to inform building designers, architects, consultants and builders/developers on the importance of Tarion BB19R conformance, how to design for ASTC ratings, and best practices in acoustical design/construction to limit risk and exceed performance.

SS WILSON ASSOCIATES
Consulting Engineers

JADE ACOUSTICS

McINTOSH PERRY

OWENS CORNING ®

Working together to educate and provide transparency in the building industry.

HOW TO REGISTER

Space is limited and will be first come, first serve basis. Please confirm your registration for this workshop to Tyler Simpson (tyler.simpson@owenscorning.com) or Matthew Schiedel (matthew.schiedel@owenscorning.com) no later than April 6th, 2018. When registering, please be courteous of your fellow peers and our limited event capacity. If you register and cannot attend the seminar, please notify us immediately so that we can release your spot as we expect full capacity.

AGENDA

8:00 - 9:00 am	Breakfast
9:00 - 10:00 am	Understanding Tarion Builder Bulletin No. 19R
10:00 - 10:20 am	BREAK
10:20 - 11:20 am	Designing to Limit Litigation in Acoustic Design
11:20 am - 12:00 pm	LUNCH
12:00 - 1:00 pm	Future Ontario Building Code Requirements (ASTC)
1:00 - 1:20 pm	BREAK
1:20 - 2:00 pm	Multi-unit Residential Case Study
2:00 pm	END

SEMINAR PRESENTERS

McINTOSH PERRY **Ibrahim El-Hajj, M.Sc. Arch, EQI, CACB, MRAIC, BCQ, OAA –** As a Building Envelope Consultant, Director of Building Quality Assurance, Ibrahim is responsible to administer and lead Building Quality Assurance department, coordinate, manage team members and projects to ensure deliverables are met and to maintain compliance with relevant design/construction documentation, good engineering practice and applicable codes & relevant standards. With more than 20 years in the Architectural Construction field. Ibrahim has been actively involved in a range of work pertaining to maintain building envelope elements, from detail, design & documentation review of new construction through to system failure investigation. Ibrahim is well versed in all aspects of building and site construction over all disciplines (building cladding, curtain walls, window walls, thermal performance, fire safety, and air leakage). His predominant skills include the ability to (a) critique designs in terms of detailing, material selection and specifications, (b) inspect and conduct building investigations in a timely, efficient, orderly, practical and impartial fashion, and (c) provide accurate opinions & practical solutions.

Hazem Gidamy, P. Eng. – Consulting Engineer, graduated from Mechanical Engineering, Alexandria University, Egypt in 1968. After working in the HVAC industry in Ontario for 3 years, he obtained his Master of Engineering (M.Eng.) in 1973 in Acoustics and Noise Control from, McMaster University, and a Research Associate until 1974. Afterwards, Hazem was employed by the Ministry of the Environment where he headed the Provincial noise program until 1986. In 1986, Hazem joined the acoustical consulting engineering firm SS Wilson Associates as Principal until today. In 2004, Hazem also established a new acoustic training division; the Institution for Municipal and Governmental Training. The Institute delivers extensive courses related to acoustics, noise, and vibration engineering in the fields of environmental noise as well as building acoustic sciences. Hazem is a P. Eng. Since 1974 and a member of the Canadian Acoustical Association. Hazem served on numerous noise standards Committees, Sub-Committees and Advisory Committees. Hazem completed well over 5,000 projects related to this field.

Chris B. Kellar, P.Eng. – Is a Senior Acoustical Engineer at Jade Acoustics Inc., a consulting engineering firm founded in 1989, specializing in acoustics, sound and vibration. During his 15 years in the field, Chris has delivered progressive practical design solutions to his clients, who range from developers, builders, architects, regulatory agencies, industry, homeowners and non-profit organizations. Much of Chris' focus, even before the creation of Tarion Bulletin 19 R, was on all aspects of residential building acoustics. He is involved in all phases of development applications from the original zoning approvals right through to the final clearance sign-off and, if need be, the investigation of noise and vibration complaints and resolution post Tarion 19R review. Chris is involved in ASHRAE and CMVA as well as enjoying alpine skiing and camping.

LOCATION

University of Toronto

BUILDING & ROOM

Hart House - Great Hall
7 Hart House Circle
Toronto, Ontario M5S 3H3 Canada
http://harthouse.ca/maps-directions/

PARKING

http://map.utoronto.ca/utsg/marker/hart-house-circle-parking

Free parking passes are available upon request. Must be requested one week prior to event or space will not be reserved.

Please sign-in at registration desk. Photo identification and business card are required. Competitors of Owens Corning will not be permitted access.

DATE

April 12th, 2018

Each participant will be issued a certificate that totals 3.5 hours in educational credits.