
Session **8C - Continuous Insulation: Overall Effective R-value of Exterior Walls**
Date Friday, May 24, 2013
Time 3:30 to 4:30 p.m.
Speaker Scott Croasdale

Exterior-insulated wall assemblies are increasingly specified to meet the energy and durability goals of high-performance buildings. Innovative solutions are required to ensure that these wall assemblies can be practically constructed, and will actually achieve the desired thermal performance and meet other performance and aesthetic criteria. This presentation gives a general overview of concepts and code requirements for exterior insulated walls with some sample projects to demonstrate various approaches.

A principal of JRS, Scott Croasdale has a solid background the construction industry, with over 15 years' facilities construction and rehabilitation project consulting experience throughout Western Canada and the northwest United States. He directs JRS' design activities, specifications development, drawing review, structural detailing, contract administration, field reviews, testing and project management for new construction and rehabilitation projects. His broad range of expertise includes evaluation of the thermal performance of various assemblies and design of roof and cladding attachment systems. Scott has applied his environmental, soils and building envelope experience for a number of unique and interesting projects, including the design and construction of below-slab gas barriers and depressurization systems for a large residential development.

Scott prides himself on providing creative, effective solutions to a variety of challenges. An industry innovator, he invented and was instrumental in developing the patent-pending CI-Girt system by Knight Wall Systems, which allows for installation of Knight's modular cladding over truly continuous insulation for an ultra-efficient building envelope that meets ASHRAE 90.1 requirements for continuous insulation. He also developed energy improvements to Knight's LevelTek system

Scott received his Bachelor of Applied Science and Master of Engineering degrees from the University of British Columbia, and is a licensed engineer in British Columbia, Washington, Idaho and Oregon. Due to his in-depth knowledge and long-standing industry reputation, he is frequently sought after to provide professional litigation support services including the documentation and presentation of evidence for mediation and/or litigation.



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