Building Codes and Standards

Books and Research Reports

Building Policy Section, Ministry of Municipal Affairs and Housing
Building Envelopes and the BC Building Code
Victoria, BC:
1998
"In British Columbia, failures of building envelopes have continued despite the provincial building code's clear and explicit regulations and advances in the understanding of the behaviour of buildings. This paper was compiled to explain the scope of the building code, and to describe what is and is not covered by the regulations. A brief overview of key building science principles outlines the building code requirements and puts them into perspective. The paper concludes with a review of actions being taken by industry in British Columbia to address the building envelope problems that have arisen."
Available at: UBC, CMHC

City of Vancouver, Community Services Group, Office of the Chief Building Official
City of Vancouver Building By-law No. 8057
:
1999

Available at: UBC, VPL, HPO

Homeowner Protection Office,
2006 BC Building Code: Highlights of Changes for Part 9
Vancouver: Homeowner Protection Office
2006
Provides an overview of the major changes contained in Part 9 of the 2006 BC Building Code; including the new objective-based code format as well as major technical revisions

Homeowner Protection Office,
ASHRAE 90.1- Requirements for the Building Enclosure
Vancouver: Homeowner Protection Office
2010
Understanding the requirements for the building enclosure and the compliance paths for multi-unit residential buildings under ASHRAE 90.1 is the focus of this bulletin.

Homeowner Protection Office,
Illustrated Guide for Seismic Design of Houses
Vancouver: Homeowner Protection Office
2012
This illustrated Guide helps house designers and builders to understand and comply with the

requirements of the 2012 British Columbia Building Code. These new requirements are meant to help bring a higher level of safety in the event of an earthquake or other significant seismic activity.

Homeowner Protection Office,
Review of Window Energy Rating Procedure in Canada
Vancouver: Homeowner Protection Office
2013
This study is a collaboration of industry and government representatives across Canada to determine if the Energy Rating (ER) in its current form is still appropriate for selecting energy efficient windows and doors for all areas within Canada. The ER, first introduced in 1989, is a Canadian energy efficiency metric defined in the CSA A440.2-09 Fenestration Energy Performance standard that evaluates energy performance. Since that time there have been a number of changes in the industry including house design and construction, advances in glass coating and window framing technology bringing to question the use of the Energy Rating.

Ministry of Forests and Range and Minister Responsible for Housing
British Columbia Building Code
:
2006

Available at: UBC, VPL, HPO

National Research Council Canada, Institute for Research in Construction
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Available at: UBC

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Antonio Colantonio,; Michel Theauvette,. 2010. Thermographic Assessment Specification Requirements for Commissioning and Building Condition Applications. *Building Enclosure Science & Technology Conference (BEST2) Portland, OR*

B. Baskaran. 2010. Development of National Standards For Adhesive Applied Roofing Systems. *Proceedings of International Conference of Building Envelope Systems and Technology (ICBEST) Vancouver, British Columbia*
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