

Monitoring the Building Envelope - On Stucco Cracking

BCBEC Luncheon Meeting – March 25, 2010



Most of the recent developments in Building Science have resulted from expensive monitoring of building assemblies in laboratory conditions. In the last decade, cost-effective instruments that permit monitoring assemblies in situ have become available. Through the data collected, practitioners can better understand the microclimates that are created when components join together in building assemblies.

Horizontal cracking of stucco installed on steel furring has resulted in litigation and complaints from clients and contractors alike. Yet, this wall system is still widely used. This luncheon will examine data collected in the field to suggest a cause for horizontal cracking of stucco applied on steel furring. A conceptual solution to the problem of cracking stucco on steel furring will be discussed.

Pierre-Michel Busque, P.Eng. BEP graduated from the University of Ottawa in 1991 with a Bachelor's degree in Civil Engineering. After working for a Civil Engineering consulting firm, Pierre moved to Florida to work on a residential development. In 1992, Pierre returned to Canada and worked at CHMC managing building envelope research projects. In 1996, Pierre moved to Vancouver where he worked for Levelton. In 2008, Pierre established Busque Engineering Ltd. Pierre is also an instructor, on building envelope performance, at the British Columbia Institute of Technology.

Date: Thursday, March 25, 2010

Time: 12:00 noon to 2:00 p.m.

Place: Plaza 500, 12th and Cambie, Vancouver, BC

Cost: Students: \$10.00, Members: \$ 40.00, Non-Members: \$50.00, Walk-in: \$ 60.00

Company Name: _____ Phone: _____ Fax: _____

Name(s) of Attendees: _____

Send your fax confirmation to: 604-943-3541 by 11:00 am Wednesday, March 24th, 2010.

OR REGISTER ONLINE @ www.bcbec.com

PREPAYMENT OPTION: VISA or MasterCard. (No Visa or MasterCard at the door, cash or cheque only)
GST included.

Number on Card: _____ Expiry (m/y): ____/____ Amount Authorized: \$ _____

Name on Card: _____ Signature: _____



This lunch seminar qualifies for
One Core Learning Credit

NEXT LUNCH SEMINAR DATE:
APRIL 15, 2010 Speaker TBA

DISCLAIMER:

The British Columbia Building Envelope Council sponsors luncheon speakers in an effort to foster discussion and encourage its members to seek continuing education and training. Presentations by speakers are not intended to replace more formal education and training. Seminar attendees are reminded to verify any opinions expressed and information supplied by speakers. Opinions expressed by the speakers, both orally and in the prepared materials, are not necessarily those of the British Columbia Building Envelope Council, or its Directors.

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