

IIBEC-WCC TELEGRAM

Spring 2021 Edition



International Institute of Building Enclosure Consultants (IIBEC)

Western Canada Chapter

Hello fellow IIBEC-Western Canada Chapter Members! Welcome to Spring 2021, hopefully you are not reading this while driving out of your health district! Remember way back in January when lumber cost less than gold, and there seemed to be some lights being turned on at the end of this exceptionally long tunnel? Well it seems like those lights attracted some waves... We will continue to keep our heads out of the water while we all swim through the next few waves. You may recall from the previous edition, I had mused as a plan “B” for our Annual IIBEC golf tournament that “ we have started purchasing and accumulating used Nintendo Wii’s to ship to the membership with a supply of Beer for that lovely virtual golf experience. (This is entirely untrue).” Well with the recent 3rd (or is it the 4th?) wave washing over us our lovely annual day of smacking balls in the great outdoors may once again be in jeopardy with the recent health orders put in place. Our Golf committee is working on potential alternate solutions, and some of the ideas floated may alter the previously stated “(This is entirely untrue)”.

Despite these waves rolling across us and travel restrictions preventing us from surfing them, it seems like there is certainly some work to do out there this year! Hopefully, we aren’t left standing on-site waiting for the materials to show up. Who said this wouldn’t be fun!

How about we talk about what your local chapter does have coming up!

UPCOMING EVENTS

**IIBEC WCC 2021 AGM & WEBINAR Wednesday, May 12, 2021
8:30am – 12:40pm**

[REGISTER NOW! REGISTER HERE!](#)



Western Canada Chapter
IIBEC



Wednesday, May 12, 8:30 am - 12:45 pm

Presentation	Times	Hrs	Speakers
Planter Problems	8:30 - 9:30	1.0	Al Martin, RRO Morrison Hershfield
An Experimental Field Study On The Thermal & Water Balance Performance Of Vegetated Roof Systems	9:30 - 10:30	1.0	Harvy S. Takhar & Dr. Rodrigo Mora BCIT
Break	10:30 - 10:45	0.25	Break
Impact of Clerestory Glazing and Reflective Walls on Roof Membranes	10:45 - 11:45	1.0	Katie Hay, P. Eng Morrison Hershfield & Patrick Roppel, P.Eng., M.A.Sc, Evoke
Photovoltaics (PV) and factors effecting system performance.	11:45 - 12:45	1.0	Daniel Partridge, P. Eng. & Ed Knaggs, P. Eng. HES PV

THIS IS A ZOOM WEBINAR, LINK TO BE PROVIDED AFTER REGISTRATION, QUALIFIES FOR 4 IIBEC CEH's

Delegate: \$50.00 Students:\$40.00

Register online: <https://westerncanada.iibec.org/events/>

*Start times are approximate

Make sure you join us for this great lineup of presenters which our hardworking Education members put together and get your IIBEC CEH's!

FROM YOUR TECHNICAL COMMITTEE:

Our technical committee wanted us to make sure that everyone was up to date with the recent technical bulletin from the RCABC on “Asphalt Shingle Securement Standards”.

ASPHALT SHINGLE SECUREMENT

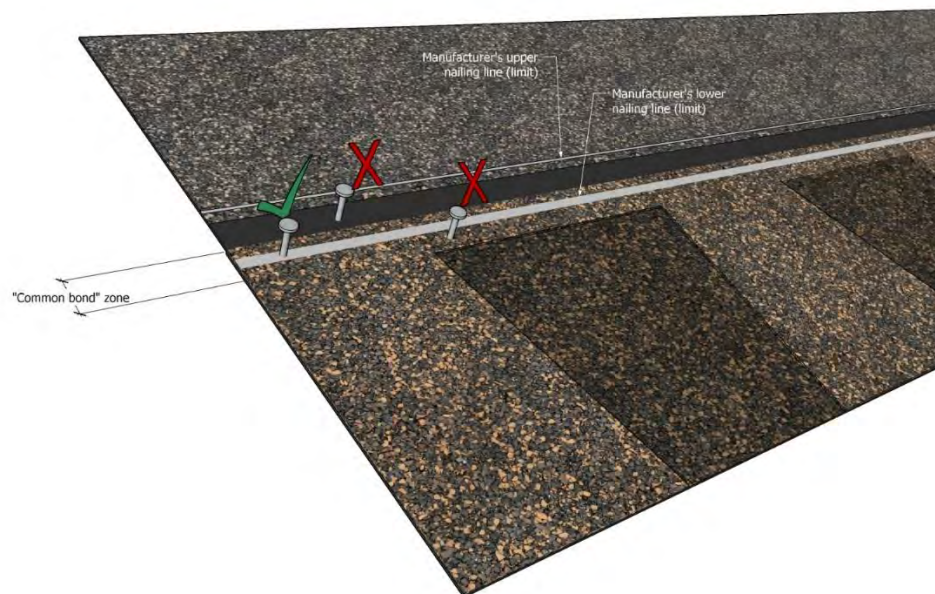
In recent months, the RGC Technical Department learned that several RoofStar-accepted asphalt shingles had been modified by the manufacturers to permit nailing that does not conform to **RoofStar Guarantee Standards**. This bulletin addresses shingle securement so that every project can qualify for a **RoofStar Guarantee**.

GUARANTEE REQUIREMENTS

Asphalt Shingles that qualify for use in the **RoofStar Guarantee Program** must be manufactured to comply with CSA-A123.5 and must also exhibit a clearly marked fastening zone or line, which must be centred on the common bond area (**9.2 Materials**).

All asphalt shingles must be nailed within the shingle manufacturer’s designated fastening zone or line (**3.3 Application**), which complies with CSA-A123.51 Asphalt Shingle Application. This requirement assumes a line or zone that is “centred on the common bond area” (the “common bond” is the portion of a laminated shingle where multiple layers are factory-bonded, typically above the cut-outs).

See the illustration below.



Securing asphalt shingles through the common bond is a well-established RGC standard, and it is supported by the more recent CSA Standard for asphalt shingle application (CSA-A123.51):

“Proper nail location (e.g., through both layers of a laminated shingle – see Figure 11.) and proper driving of nails are critical factors in roof system wind resistance and overall roof performance.” The illustration affirms the explanatory note (6.6 Nailing, 6.6.1 General).



The reasoning behind the RGC requirement is simple: shingles stay put when they are nailed through the laminated region. Nails installed above the common bond risk shingle detachment and product failure.

CORRECT NAIL PLACEMENT

The current **RoofStar Guarantee** requirements for nailing asphalt shingles remain unchanged: shingles must be nailed through the common bond, where the common bond corresponds to the marked fastening zone.

For more information about asphalt shingles and proper securement, contact the **RoofStar Guarantee Program** at technical@rcabc.org. To download this Bulletin, click on the following link: [2021-March-17 Technical Bulletin \(Asphalt shingle securement\)](#)

FROM YOUR LOCAL ROOFING RELATED NEWS:

Aren't you glad this wasn't you! (Sorry if it was!)

B.C. creek fills with foam after laundry powder applied to nearby rooftops to control moss

City of Abbotsford is investigating the incident, which affected Clayburn Creek

[Chad Pawson](#) CBC News Posted: May 02, 2021 5:37 PM PT | Last Updated: May 2



Foam pillows up to eight feet high filled a creek in Abbotsford, B.C., Friday, after rain washed laundry detergent from the rooftops of a nearby townhome complex into the water. (Submitted by Tom Ulanowski)

The City of Abbotsford is investigating after residents witnessed large pillows of foam floating in a local creek a few days after laundry powder was spread on the rooftops of a nearby townhouse complex.

Tom Ulanowski, who has lived at the complex at [4401 Blauson Blvd. on the side of Sumas Mountain](#) for five years, said he's concerned the foam will harm wildlife in and around Clayburn Creek.

"I was quite shocked and concerned," he said. "Literally, there were piles of foam eight feet high in some areas."

Officials with the province's Ministry of Environment said they, along with the City of Abbotsford and Environment Canada, are monitoring the situation, but confirm the substance causing all the foam is Tide powdered detergent.

Using laundry detergent to deter moss from growing on roofs is a remedy easily found through an online search, but it also comes with warnings that the technique can be dangerous, damage roofs, and potentially the environment.



Powdered laundry detergent is shown on the roofs of a 140-unit townhome complex on the side of Sumas Mountain in Abbotsford, B.C., earlier this week. (Submitted by Tom Ulanowski)

Health Canada regulates pesticides in Canada. Tide laundry detergent does not specify on its label that it can be used as an herbicide. Detergents contain surfactants and bleaches to break up stains that otherwise wouldn't dissolve in water, according to [ingredient listings](#).

Ulanowski, an environmental scientist and analytical chemist who works in the cannabis industry, first saw a contractor applying what looked like detergent powder to roofs at his complex on Monday.

He and other residents saw some of the detergent blow off the roofs and end up in residents' yards and gardens. Ulanowski said some people and at least one dog suffered irritation from the detergent.



Clayburn Creek in Abbotsford, B.C., was filled with foam Friday. (Submitted by Tom Ulanowski)

He and another resident brought their concerns to the strata's council before the foam started to appear Friday morning, following rain on Thursday.

After the foam was reported, the City of Abbotsford sent crews to inspect the creek.

The city's bylaw department is also investigating but has not said whether there will be any penalties to the contractor or strata for use of the detergent.

The province said the contractor has been asked to take action to clean up the foam but said there doesn't appear to be any negative impacts on fish habitat.

Environment Canada has not responded to media requests for information about how it is responding to complaints about the foam.

CBC News also sent messages to the complex's strata management firm and the person believed to be the contractor who applied the detergent but has yet to receive a response.



Some residents are worried the foam will harm the local environment. (Submitted by Tom Ulanowski)

Ulanowski hopes the saga will serve as a warning to other property owners who may think it's a good idea to use laundry detergent as treatment for moss on roofs.

"Ultimately I just want people to be aware that there are better, more environmentally friendly options for things like moss control," he said.

"Using things like detergents and bleach that can persist and make their way into the aquatic environment is not an environmentally friendly solution and there can be severe consequences, potentially."

PICTURES FROM YOUR OFFICE

Thanks to Brian Boomars from the IRC Building Sciences Group for sending in these great shots of a project Roof anchor re-certification of the Skytrain Bridge towers, looking towards New Westminster.



WE NEED YOUR HELP!!

We are looking to add some content to our newsletter and are hoping to get some crowd participation!

- **PICTURES FROM YOUR OFFICE:** Everyday we are out and about our great province and city seeing some of the most interesting views you can see, best seats in the house as they say! See a spectacular view you would like to share with your peers? Send in your photos to sean@roofixinc.com and we can include them in the next issue. Winning submission receives a \$25.00 gift card.
- **INDUSTRY ANNOUNCEMENTS:** Did you or one of your colleagues get a promotion? Did something great happen at your firm? Is there a new hire you would like to acknowledge, or did someone receive their RRO? Send in announcements you would like to see included in the next issue of the IIBEC-WCC Telegram to sean@roofixinc.com.



IIBEC-WCC “EDUCATE, ADVOCATE, PARTICPATE”

