





# High Performance Building Enclosures: The Key to Energy Efficiency in New & Existing Residential Buildings

With Owens Corning & NAIMA Canada







#### Your Hosts



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## The WHOLE HOME Approach





#### What is the Whole Home?

- One holistic system
- The building, the property, the systems and the occupants.
- Financing, skilled labour, maintenance, energy targets, health benefits and comfort.







## The Whole Home Approach



- Tactile solutions based on building science
- Planning, preparation and sequencing
- Finish, close out and commissioning



# The New Normal: Post COVID

Indoor Air Quality takes on more importance with the spread of COVID 19.

What do contractors and renovators need to know? What are the HVAC imperatives?







#### Goals

- Contractors and renovators: Navigate more robust assembly performance.
- Homeowners: Prime for deep energy retrofits, PACE financing and comfort benefits of better performance.
- Members and partners: Join forces to realize common goals







































Andy Cockburn
NAIMA Canada



TRAINING Teams & Homeowners



## Training Goals:

Homeowners & Renters

- Comfort, healthy homes and energy savings = information + education
- Clarity from ideas to completion
- Aging in Place + Deep Energy Retrofit = Long term renovation planning.





### Training Goals:

#### Contractors & Renovators

- Clear and sequenced safety, proper installation, finishing.
- PACE financing and municipal LICs
- Learn the language of comfort
- Skills development, talent recruitment and workplace innovation.







RENOVATION: There's no replacement for experience...







## Relying on Experience

- Huge well of skills and experience to draw on
- THE BEST people to navigate the work are contractors.
- Methodical, material savvy
- "Do-er" mentality







## Accessibility & Opportunity

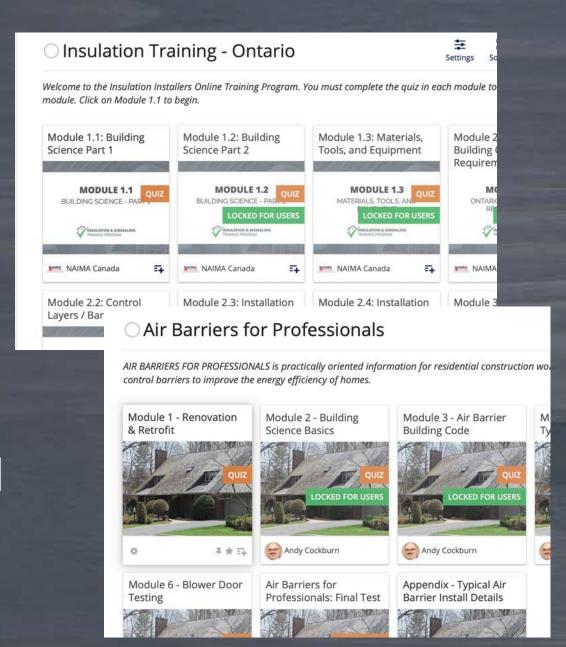
- Easy entry into training
- Limitations of distance, financial, time off work
- Geared to different audiences and needs
- Curation of resources partners, content, expertise, relevancy





# NAIMA Canada Training & Tools

- 2019 Insulation Installers Training
  - 8 modules w/ quizzes
- 2020 Air Barriers for Professionals
  - 6 modules w/ quizzes and supplemental detail drawings
  - Released June 2020







## Training & Tools

## **Insulation Requirements Tool**

- Developed in house by NAIMA Canada
- Shows specific provincial and municipal requirements







## Training to Come...

- Residential Renovation (with Blue House Energy and CACEA)
- Tenant Liaison + Healthy Housing Advocacy (with Tower Renewal Partnership & CUG+R)

 Building Code Insulation Interpretation from NBC and NEBC







## Thank you! Questions?



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