

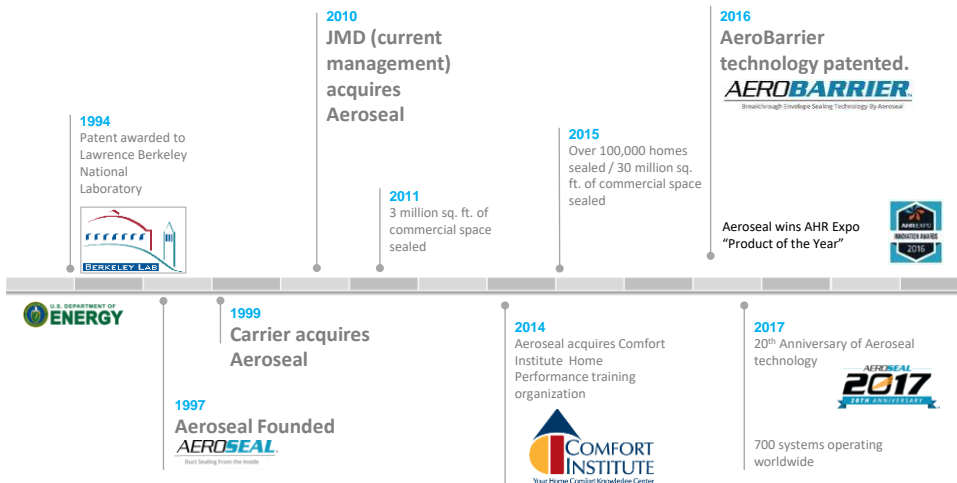
AEROBARRIER™

Breakthrough Envelope Sealing Technology

Builder Camp April 15, 2019

Presented By:
Scott Stevens

Corporate History



Why AeroBarrier?



Where are the holes? Size of the holes? Shapes of the holes?

Sealing the Envelope Isn't Always Easy.

The current process is a time consuming, labor intensive, multi-step process (sealing, foaming, taping, caulking, crossing fingers!)



A Game Changing Solution

Self guided air sealing system



Changing the Way Homes are Built

- Consistently tighter building envelopes – opportunity for optimization, building science advancement
- Convenient, cost effective, time saving
- Reduced sound transmission, odours, pests
- Reduced GHG
- Improved Energy Efficiency
- Permeable waterborne acrylic Green Guard Gold Certified sealant



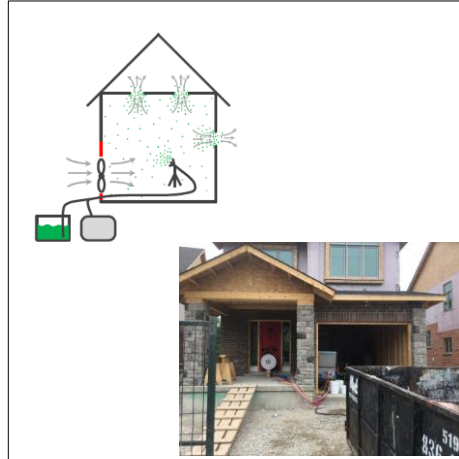
The AeroBarrier Patent Pending Process



STEP 1: Preparation (after first mud):

Cover all large intentional openings (drains, bathroom vents, etc.) and horizontal surfaces.

Set up sealing equipment, and pressurize home – less than 2 hours.



STEP 2: Sealing Process:

Pressurize house and air currents will transport & deposit sealant particles along the leaks throughout the space.



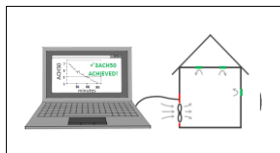
Seals holes up to 1/2" in diameter!

The AeroBarrier Patent Pending Process



STEP 3:

The software regulates the entire process; controlling all parameters, monitoring the sealing, recording all data, and verifying air-tightness target is achieved.

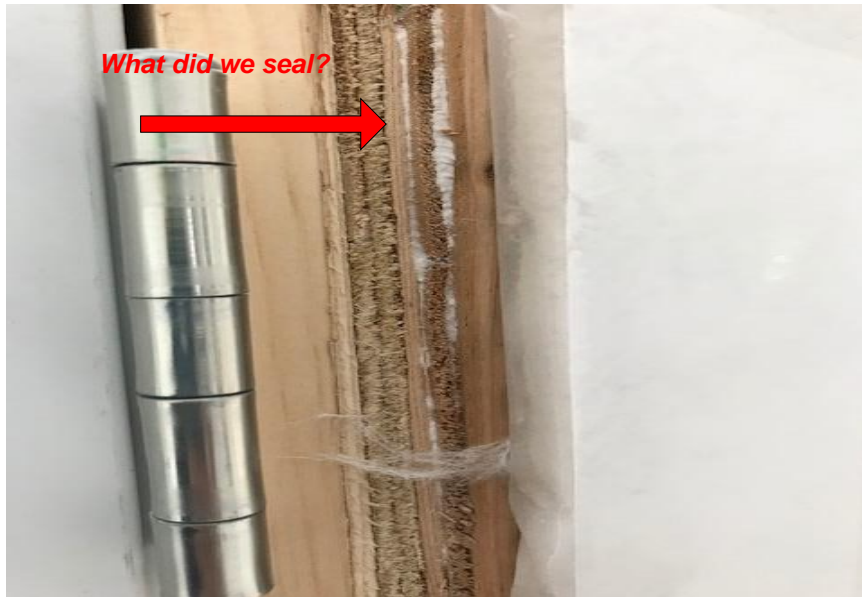


What did we seal?



The AeroBarrier Patent Pending Process

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The AeroBarrier Patent Pending Process

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Air Sealing Pros History

- Launched June 1st , 2018 & completed >110 Seals
- Sealed: Singles, Townhomes, Multi-family, Stacked back to back, Renovations
- Units starting from 8-10 ACH@50 to sealing units starting <1



- Consistently Improve airtightness by **72%**
- Avg. Seal time **150** Minutes

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What Have We Learned

- We fit into construction site scheduling
- Capable to work through the 4 seasons
- Site Supers best friend & truly take on the role of Air Sealing Professionals
 - Opportunity cost of Air Sealing
- Time and labour savings for builders
- GTA scaled up to 2 systems with plans for a 3rd before the end of 2019
 - Additional machines increases cost efficiency and flexibility for us
- Added dealers in Ottawa, Halifax, Montreal, Vancouver Island, Vancouver, Winnipeg, Calgary and Edmonton



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Labour Savings



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Scott Stevens
905-751-7360
ssstevens@aerobarrier.ca

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