

EXPERIENCE THE Benefits of AeroBarrier



Guaranteed Air Sealing

As AeroBarrier is applied, the results are displayed in real time. By incorporating a blower door, the AeroBarrier system is able to dial in your desired leakage. It's that easy and verified upon completion.



Automated, Fast & Simple

From start to finish, the sealing process takes 60-90 minutes. In new construction applications, prep and clean up time is minimal – typically taking less than an hour. Once set up, the AeroBarrier computer controlled system takes over and manages the sealing process through completion.



Less Cost

No more manual caulking needed to weatherize a space pre-drywall. Meet and verify air tightness requirements in real time, avoid air sealing guesswork, and save on time, material and labor.



Durable

Sealant achieves durability performance in 3 key areas: flexing, aging and compatibility in tests simulating 50 years of service.



Safe

GreenGuard Gold certified with Ultra-low VOC content and no off-gassing. Work can resume in the home or building within 30 minutes.



"AeroBarrier could very well be the end game in our industry's search for a comprehensive, cost-effective way to control leaks through building enclosures. Properly sealing a home or building to precise levels can be time consuming, stressful to site staff and expensive. With ever increasing expectations of homeowners and changing building codes, homes will be expected to be more air tight than ever. There isn't a more important technology in our industry today."



Gord Cooke – Partner
Construction Instruction

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Air Sealing Technology from Aeroseal

Single Family
Homes, Multifamily &
Commercial Buildings

**GUARANTEED
AIR SEALING
MADE EASY**



SINGLE FAMILY HOMES



Affordable Airtightness

In residential applications, reduced envelope leakage means improved energy efficiency, increased durability, reduced mechanical loads, and lower cost renewable energy options. More importantly, a tighter building envelope can help increase the comfort of a home and improve the overall indoor air quality within the home, leading to a better living environment for the homeowner.

MULTIFAMILY BUILDINGS



Compartmentalization Made Easy

AeroBarrier is a perfect solution for compartmentalization between units. In addition, a tighter building envelope will not only help save energy but will also reduce stack effect in the entire building, help control sound and smell transfer, improve overall occupant comfort, and help mitigate pest movement. The result is an improved living environment in each unit.

COMMERCIAL & MUNICIPAL BUILDINGS



Fastest Path to Energy Savings

AeroBarrier is not only for residential applications. Our solution is proven to be extremely effective at sealing commercial spaces too. In commercial projects, AeroBarrier is able to reduce up to 80% of the building leakage and more importantly, it is able to bring the buildings within the USACE specification for envelope leakage. Using AeroBarrier in new or retrofit commercial applications improves the sealing effectiveness, reduces labor costs, and improves the consistency of installation.



HOW It Works

AeroBarrier is an interior applied air sealing system that seals all building envelope leaks up to 1/2". The waterborne acrylic sealant is applied by pressurizing a targeted building area, then spraying the aerosolized sealant into the pressurized space.

The sealant follows the pressurized air flowing to visible and invisible leaks creating a seal, not by packing the gap, but by accumulating across the surface of leaks. The sealant is applied within 60-90 minutes and dries before system clean up is complete, allowing construction to resume shortly after the process is complete with little to no impact on standard construction schedules.

The system measures the envelope leakage in real time, enabling AeroBarrier to dial in specific requirements for air leakage and guarantee the results.



4 STEPS to Guaranteed Envelope Air Sealing

STEP 1 Prep & Setup

Prep the area by covering any openings that won't be sealed. This includes taping or covering any designed openings or finished horizontal surfaces within the space. The equipment is then set up, including the blower door, smart nozzle stations, and the main control unit with laptop computer.

STEP 2 Pressurize & Apply

Using a blower door, the space is pressurized. After that, a computer controls the entire process including the temperature, pressure, humidity, and distribution of sealant within the space during the process.

STEP 3 Seal & Monitor

With the AeroBarrier process you see results in real time. You have complete control over your desired level of air tightness and can achieve any level of tightness required. At the end of the process, a final blower door test is run to verify the sealing results. AeroBarrier then provides a Certificate of Completion showing pre and post seal leakage.

STEP 4 Clean Up

After the sealing is complete, clean up and removal of all tape and protective coverings occurs. Construction work can resume within 30 minutes.