

**Blower door** testing refers to the process of identifying how leaky a home is. It is measured in air changes per hour (ACH). If your home has an ACH of 1, it means the entire volume of air inside the house is replaced once per hour. New homes must be below a 3 ACH today.

BOA homes feature **air sealing** with Aeresal Envelope. This is an air sealing system that can seal leaks in buildings up to 1/2 inch in size, ensuring that even the tiniest gaps are effectively sealed. A blower door test is then completed to check how airtight the home becomes.

## Benefits of an Air-Sealed Home

- **Energy Savings:** Lower heating and cooling costs.
- **Enhanced Comfort:** Fewer drafts and more consistent indoor temperatures.
- **Better Air Quality:** Reduced dust, allergens, and pollutants entering the home.
- **Increased Durability:** Prevents moisture buildup that can cause structural damage.
- **Eco-Friendly:** Reduced energy use lowers your carbon footprint.



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*The home is prepared by covering all unsealed openings and surfaces. The blower door system then pressurizes the space, with a computer controlling the temperature, pressure, humidity, and sealant distribution.*



**BEFORE SEAL**



**AFTER SEAL**

*Sealing stations begin spraying atomized sealant. The sealant follows air currents through air leaks and seals them.*