

Next-level comfort and energy efficiency, what today's homeowners are looking for.



Platinum Homes' Karaka showhome offers better performance for less – with AeroBarrier

Airtightness is becoming one of the defining features of modern, energy-efficient homes, helping to create houses that are warmer in winter, cooler in summer, healthier to live in and far more cost-effective to run.

Platinum Homes' Karaka showhome is more than just a modern home with sleek interior finishes. The company utilised AeroBarrier – a system designed to seal hidden air leaks throughout a home's building envelope – to achieve an airtight building. Combined with premium insulation, advanced joinery and mechanical ventilation, this will help to minimise heat loss, improve comfort and reduce energy use. *"Energy efficiency is top of people's minds at the moment,"* says Joann Bell, General Manager at Platinum Homes Auckland South. *"That's why we're using AeroBarrier – it gets us to a higher performing home at a very achievable price."*



Measurable Performance



"AeroBarrier is a very cost-effective way to achieve a much higher level of performance and comfort. The results speak for themselves compared to a typical home."

- JOANN BELL, GENERAL MANAGER AT PLATINUM HOMES AUCKLAND SOUTH

High performance houses are built to a higher standard than regular houses in terms of airtightness, insulation and energy-efficiency. After trialling the system in their Karaka showhome, the company is now preparing to launch a new energy-efficient home package designed to deliver many of the benefits of a passive-style home at a far more accessible cost. According to Joann, AeroBarrier is key in this. It will ensure excellent performance while saving homeowners a significant amount of money.



What Airtightness Actually Means

For some homeowners, the term 'airtight' can sound counterintuitive. People often associate it with stale, stuffy spaces. In reality, modern airtight homes are designed to provide fresh and clean air.

In older houses, air leaks through gaps around windows, framing, pipes and construction joints. These leaks allow draughts, moisture and outdoor contaminants inside, while letting heated or cooled air escape. By sealing those leaks – and creating an airtight envelope – homes become more thermally efficient and easier to ventilate properly.

Airtightness means controlling where and how air enters and leaves the home. It is used in combination with mechanical ventilation, such as an MVHR or comparable system. Fresh filtered air is continuously circulated throughout the house. The result is a home that feels consistently comfortable year-round.

 ***“Why wouldn't you build the best house you could?”***
- JOANN BELL, GENERAL
MANAGER AT PLATINUM HOMES AUCKLAND SOUTH

Simple and cost-effective to integrate

One of the key advantages for builders is how easily AeroBarrier fits into the construction process.

“AeroBarrier was very straightforward to integrate into our standard build,” Joann says. “It didn't require any changes to how we construct, and it had minimal impact on the programme.”

The process itself takes place toward the end of the build, after the home is enclosed. *“It only took one day out of the build process,” she says. “The team was very reliable. They sorted it all out and there was no mess afterwards.”* For Platinum Homes, the ability to improve building performance without fundamentally changing construction methods was a major factor. *“Using AeroBarrier helps us deliver a more comfortable and energy efficient home without adding complexity,” Joann says. “It's a smart upgrade we can offer clients, and we will be using it whenever we can.”*

Read the full case study online: www.aero.solutions/find-out-more/

Schedule a consultation

Contact the Aero team for a no-obligation discussion

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