



# CASE STUDY



Retrofit. Oxford



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# OVERVIEW

This project in Oxford was a retrofit, where Passive Purple Internal was applied to the outside (warm side of the insulation) of this property. An exterior insulation was fitted before a new render system was applied.



## BACKGROUND

No real difficulty with this install. The substrate was nice and sound. A render prime was put on to act as extra adhesion for our liquid applied membrane. This install took two days. Detail is always key on any project, but a retrofit can be more time consuming as there may be more gaps to fill with our Passive Purple Brush.





# SOLUTIONS

Using Passive Purple to ensure all external walls are air and smoke tight before fitting external wall insulation is a critical step in modern construction practices. This approach not only enhances the building's energy efficiency and indoor air quality but also ensures compliance with stringent fire safety standards, providing a robust and reliable building envelope.

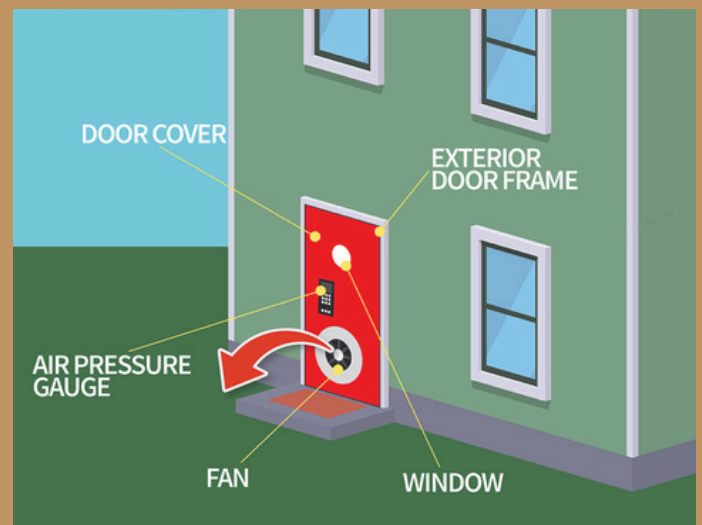




# RESULTS

The achievement of a 0.4 ACH score underlines the potential of modern retrofitting techniques to transform existing buildings into high-performance, energy-efficient structures. As we look to the future, retrofits will play a pivotal role in addressing energy consumption, reducing carbon emissions, and enhancing the quality and sustainability of our built environment.

## AIR TESTING



Air testing- also known air testing, air permeability testing, air leakage testing, and air pressure testing- measures the amount of air escaping through a buildings envelope.



# CLIENT FEEDBACK

## CLIENT TESTIMONIAL

“

It was a big step but once work had started i knew it was the right decision. Passive Purple is a brilliant form of technology. Why doesn't everyone know about this?

”



# THANK YOU!

Inspired by this retrofit?  
Get in touch with us to start your net zero journey today!



## CONTACT

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