



CASE STUDY



Self-build eco home. Bedfordshire



TABLE OF CONTENT

| | |
|------------------|---|
| TABLE OF CONTENT | 1 |
| OVERVIEW | 2 |
| SOLUTIONS | 3 |
| RESULTS | 4 |
| CLIENT FEEDBACK | 5 |



OVERVIEW

Overall, Passive Purple External, alongside our other products like Passive Purple Internal, Brush and Airtight Fleece membrane, plays a crucial role in moisture management and energy efficiency of timber frame constructions.



BACKGROUND

The installation of the Passive Purple External and Internal Facade Waterproofing membrane was remarkably efficient, taking just one week due to the absence of any issues. The ease and speed of this project were greatly appreciated, as hassle-free projects are always welcomed.





SOLUTIONS

Sealing Joints and Openings: Doors and window reveals are sealed using Passive Purple Brush after the installation of an Airtight Fleece membrane. This further enhances the airtightness of the building, contributing to the overall energy efficiency.

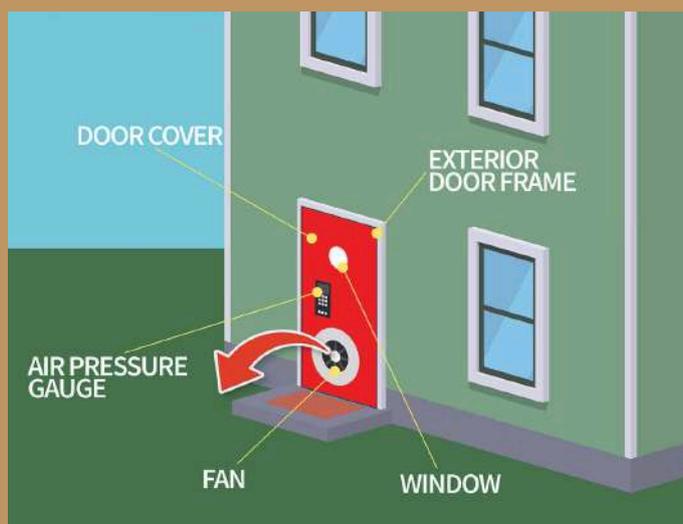




RESULTS

The application of our products has resulted in achieving an air change rate of 0.17 ach (air changes per hour), which is a measure of the building's airtightness. This low rate indicates a highly efficient building envelope, reducing energy costs and improving indoor air quality by minimizing the infiltration of outside air.

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

“

I couldn't be happier with how my eco self-build has turned out. I'm particularly impressed with how quick the installation of Passive Purple was!

”



THANK YOU!

Inspired by this self-build eco home?
Get in touch with us to start your net zero journey
today!



CONTACT

INTELLIGENT MEMBRANES
CLOPTON FARM, LOWER ROAD
CROYDON SG8-0EF

01223-208174
WWW.INTELLIGENTMEMBRANES.COM
INFO@INTELLIGENTMEMBRANES.CO.UK