

# CASE STUDY

Hospital in Norfolk





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# OVERVIEW

Here we have an off-site modular build, built to Passivhaus standards. This scheme consisted of modular units that were 2.7 m by 13 m long. They were all constructed off-site and delivered to Norfolk. Thanks to the install of Passive Purple, we have created an airtight, methane and radon barrier building.



## BACKGROUND

The wall/ceiling connections needed to be made airtight, so its all about the preparation works especially when the connections are made of two different types of construction materials. Airtight Fleece Tape was also installed on the connection steels and joints. Over 2 days 3500m<sup>2</sup> of Passive Purple Brush and Passive Purple Internal was installed.





# SOLUTIONS

This project demonstrates a high level of precision and sustainability in construction. Hospitals are energy-intensive facilities due to their 24/7 operations and the need for strict environmental controls. Enhanced airtightness reduces energy consumption, leading to lower operational costs.

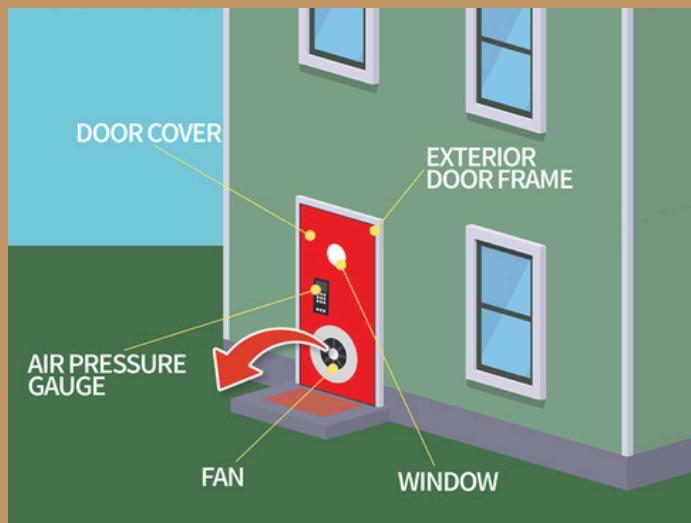




# RESULTS

Achieving an air test score of 0.2 ACH (air changes per hour) in a hospital modular build is an outstanding accomplishment that highlights exceptional airtightness and energy efficiency.

## AIR TESTING



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



# CLIENT FEEDBACK

## CLIENT TESTIMONIAL

“

It's a great feeling to know that patients will be receiving the best care in one of the most environmentally friendly buildings I've ever seen!

”



# THANK YOU!

Inspired by this modular build?  
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](http://WWW.INTELLIGENTMEMBRANES.COM)  
[INFO@INTELLIGENTMEMBRANES.CO.UK](mailto:INFO@INTELLIGENTMEMBRANES.CO.UK)