



VOLUMETRIC™

CASE STUDY

JIMMY'S CAMBRIDGE

CLIENT

Hill Group/Foundation200

ARCHITECT

Geraghty Taylor Architects

ENGINEERING DESIGN

Cogent Consulting

INFRASTRUCTURE

Hill Group

INSTALLATION

Volumetric Modular

MODULHAUS™ SUPPORTING HOMELESS CHARITY IN CAMBRIDGE

For 25 years Jimmy's has been providing help to people experiencing homelessness in Cambridge, delivering emergency support and accommodation. A partnership with Foundation200, to help the homeless, has delivered a programme of new homes across three sites in Cambridge.

With a shared ambition, Jimmy's and Foundation200 worked in partnership to change lives for the better – with **MODULHAUS™** a relocatable and robust one-person home providing the solution.

Designed and developed by **VOLUMETRIC™**, a specialist manufacturer of custom-built homeless solutions – **MODULHAUS™** provides greater dignity and independence to the most vulnerable members of society whilst also relieving the burden of ongoing expenses and fuel poverty associated with traditional temporary accommodation.

Based on extensive market research and utilising modern methods of construction, **MODULHAUS™** – a new concept in volumetric modular homes for rough sleepers, has been developed and rigorously tested to help overcome the nationwide crisis. As modules have been designed and manufactured to meet a specific need, close collaboration with Councils, Local Authorities and Third Sector Organisations was involved to ensure the design and specification is fit for purpose and futureproof.



RAPID, AFFORDABLE AND ENERGY EFFICIENT

Jimmy's were gifted 16 **MODULHAUS™** dwellings through Foundation200, and the homes have been installed on land owned by Cambridge City Council.

This new concept in volumetric modular homes has been created specifically to help overcome the homelessness crisis. **MODULHAUS™** is a relocatable and robust one-person home with a 60year design-life (BOPAS certified) that offers exceptional energy efficiency, outstanding functional performance and superior quality. Accommodation modules are delivered to exceptional standards, fully equipped and arriving 100% complete, ready for efficient site connection and commissioning.

Design features include 24sqm of internal fully fitted living space with furnishings, shower-rooms and kitchens complete with white goods and utensils. Stackable to two storeys, **MODULHAUS™** sits on six foundation pads to minimise groundworks and requires only electric, water and waste connections.

FUTUREPROOF STRATEGY

The futureproof energy strategy for **MODULHAUS™** is designed to surpass the Future Homes Standard. Modules include low energy lighting, white goods, controlled flow showers and dual flush cisterns to minimise energy and water consumption. Renewable energy technology is built into every home including Air Source Heat Pumps and Mechanical Ventilation and Heat Recovery systems. Combined with a highly airtight (less than 3 Air Changes/Hour) and well insulated structure, U-values as low as 0.09W/m²K are achieved.

T: +44 1743 290020
E: info@volumetric.co.uk

WWW.VOLUMETRIC.CO.UK

POSITIVE

OUTCOMES

People in Cambridge who found themselves sleeping rough have been given a great opportunity to restart their lives with the opening of 16 **MODULHAUS™** homes. Jimmy's will manage and provide support to the new residents and work with the Council and other local organisations to continue to provide help to people who need it most.

A resident who moved into one of the new homes said: "I'm loving my new place, it's perfect for me and I'm enjoying having my own safe space. I feel lucky and am really grateful for this opportunity."

Mark Allan, Chief Executive of Jimmy's Cambridge, said "These modular homes provide further opportunities to people who are homeless. They are a steppingstone for people who have been sleeping rough to give them a real home, and to provide the support and renewed hope to overcome a very difficult period in their lives."