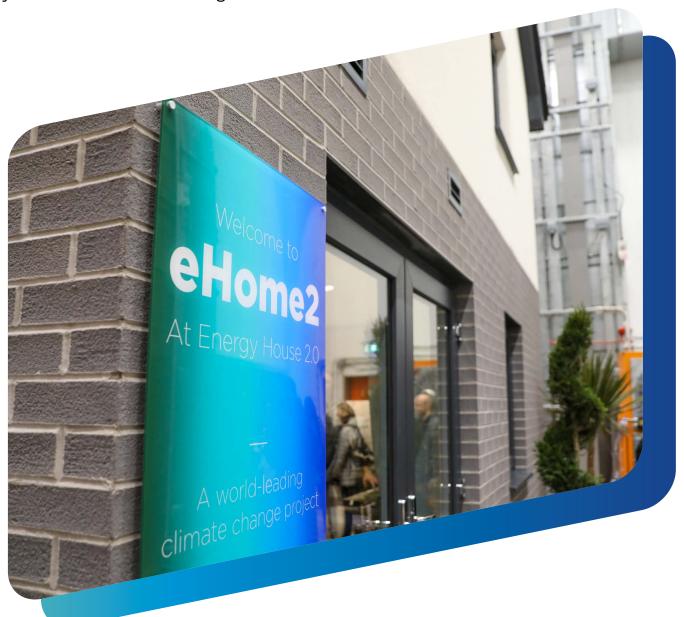


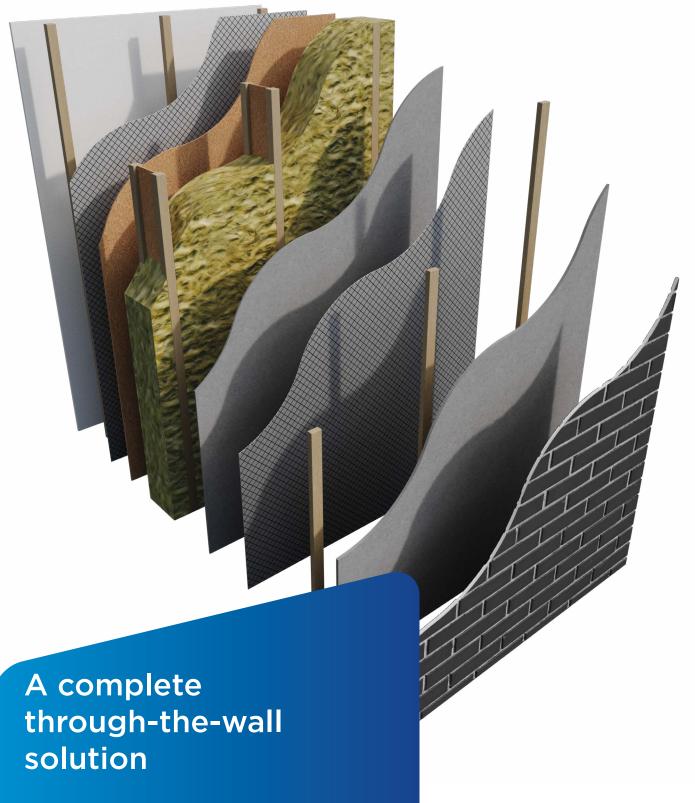
## **Thermistud**<sup>™</sup>

by Saint-Gobain Off-Site Solutions

Insulated closed panel timber frame system for low rise housing







The Thermistud system has been designed to support lightweight external decorative finishes systems such as weberwall brick (more on this on page 9), render or timber cladding, as well as traditional brick slips, giving flexibility for street scenes. When combined with Saint-Gobain structural roofing and flooring solutions, a complete structural system can be delivered from a single supplier, with all manufacturing in the UK.



### What are the MMC categories?

Research by UK Government's Modern Methods of Construction (MMC) cross-industry working group has defined the following categories for MMC.



manufacturing
(3D primary
structural
systems)



manufacturing
(2D primary
structural
systems)



Premanufacturing components (non-systemised primary structure)



Additive manufacturing (structural and non-structural)



manufacturing (Non structural assemblies and sub-assemblies)



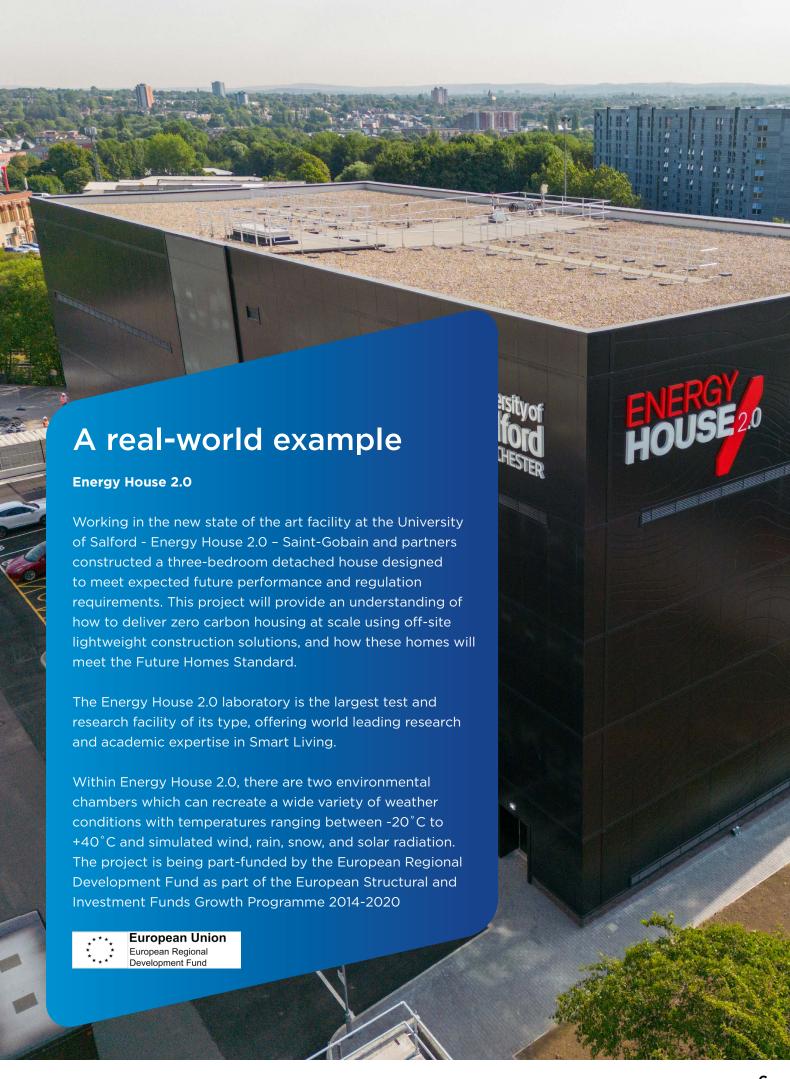
Traditional building product led site labour reduction / productivity improvements



Site process led labour reduction / productivity / assurance improvements

Thermistud directly delivers within category 2. When combined with other Saint-Gobain systems, PMV values of 62% can be achieved.





## Sustainable housing solutions, delivered at scale

The Thermistud system was developed as part of the Saint-Gobain and Barratt Developments partnership at eHome2. eHome2 is designed to understand how sustainable housing can be delivered at scale, using construction solutions manufactured off-site.

The use of the Thermistud system, combined with floor cassettes, a specially designed roof structure and Weber external decorative finish, allowed for a fast, safe build.

Following the launch in January 2023, there will be continual monitoring of the home's 'as-built' performance to help understand how the home performs and inform future innovation. eHome2 will undergo a rigorous testing programme looking at energy efficiency, thermal performance and how homes can meet and exceed the Future Homes Standard.



## Renders and Finishes

## weberend MT multicoat render system

The multi-coat render system is designed for application to an appropriately framed and boarded panel substrate such as Thermistud, with a choice of textured finishes in a wide range of colours. It offers a high degree of weather protection, crack resistance and fire performance. The render system can be finished with webersil TF or weberplast TF textured finishes or weberwall brick a lightweight brick effect system.

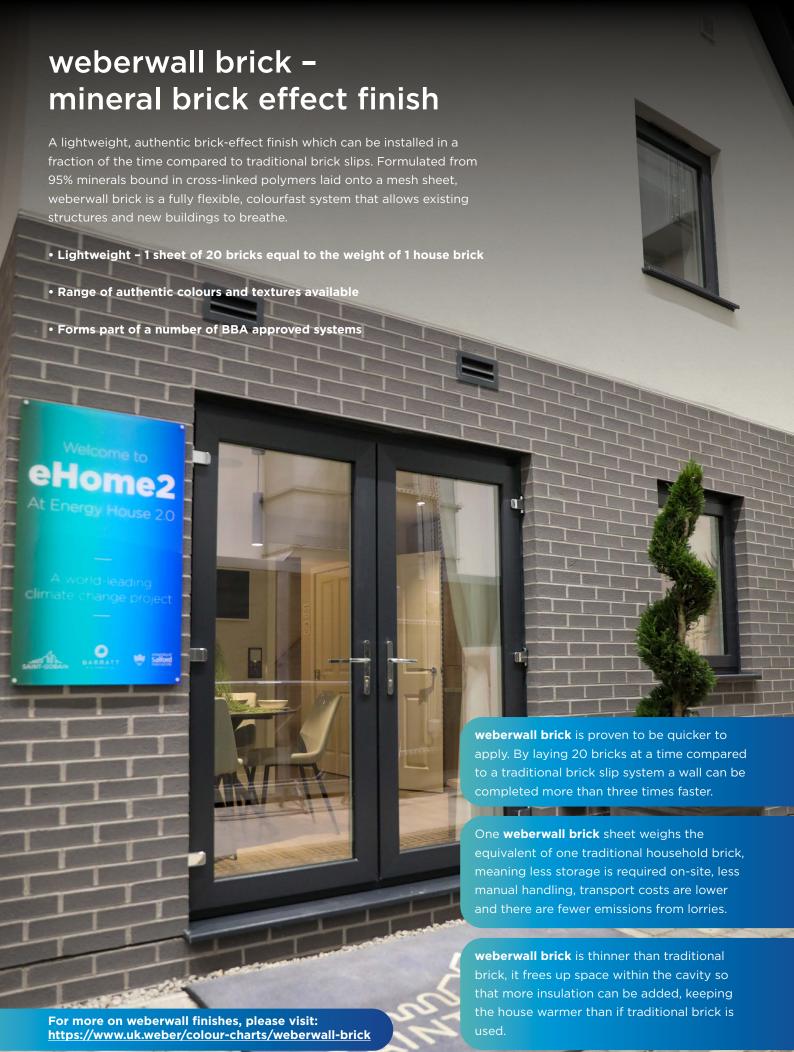




# webersil TF silicone enhanced render finish

A textured silicone render finish is available in over 100 colours and offers a highly weatherresistant decorative coating. The 1.5mm aggregate content provides a modern, eventextured finish.

- Highly water repellent, providing optimum facade protection
- Highly vapour permeable
- Weather-resistant and UV stable
- Hand or spray applied
- Forms part of a number of BBA approved systems



# Why Choose Saint-Gobain Off-Site Solutions?

By implementing the right mix of off-site and on-site technologies, we believe we can build better buildings.



PRODUCED IN A CONTROLLED ENVIRONMENT



TRUSTED AND PROFESSIONAL SUPPLY CHAIN



CONSISTENT HIGH QUALITY



**INCREASED BUILD SPEED** 



SUSTAINABLY SOURCED



MANUFACTURED TO YOUR EXACT SPECIFICATION



IMPROVED HEALTH AND SAFETY



**COST SAVINGS** 

#### Part of a strong global group

For over 350 years, Saint-Gobain has been at the forefront of materials innovation.

We're now harnessing the collective expertise of our manufacturing brands to help you embrace the opportunities available through off-site construction.

By offering a range of solutions, systems and components, Saint-Gobain Off-Site Solutions can help you to improve the speed of construction on-site, and deliver consistent quality and sustainability performance, with the reassurance and transparency that comes from working with one of the most trusted brands in construction.

We make life better on-site, by taking things off-site.





### SAINT-GOBAIN OFF-SITE SOLUTIONS

### Saint-Gobain Construction Products UK Limited

Registered in England,
Company Number 00734396
Registered Office
Saint-Gobain House, East Leake,
Loughborough, Leicestershire
LE12 6JU