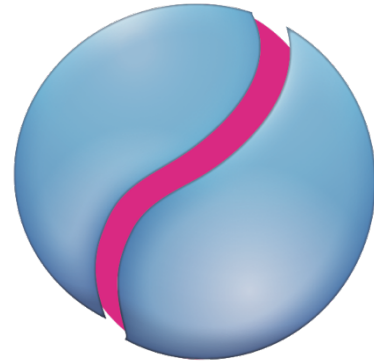
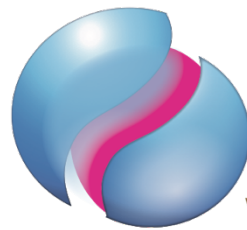


# Aerogel UK Stud System

## AeroMirum

### Super Insulated Studs

extraordinary



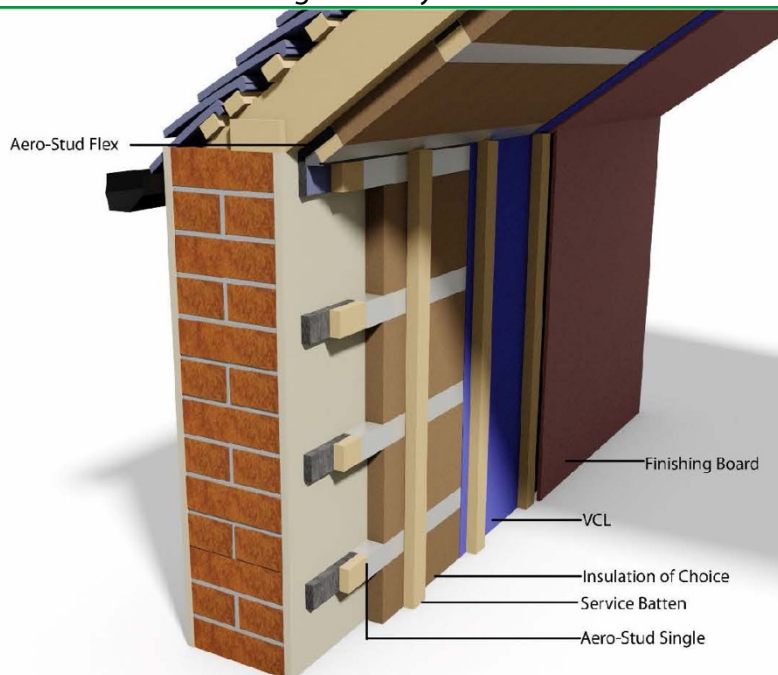
Energy Locking Nano Technology

[www.aerogel.uk.com](http://www.aerogel.uk.com)

200 Brook Drive, Green Park, Reading, RG2 6UB

The Aerogel UK Stud system provides a system for the super insulation of walls, ceilings and floors which virtually eliminates the possibility of thermal bridging and provides a continuous thermal super insulation barrier.

The Aerogel UK Stud system overcomes the major issues with the installation of super insulation systems and allows the simple and effective implementation of any insulation material within the aerogel stud system.



- Faster Installations.
- No thermal breaks in Insulation.
- Vapour Open Option.
- Vapour Closed Option.
- Different insulation types can be introduced.
- Curved or Angle Interfaces made easy.

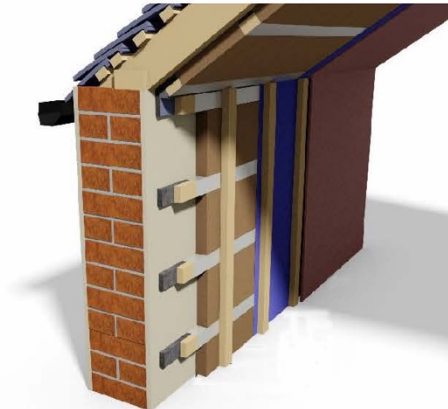
---

### Introduction

Aero-Stud was developed to further enhance best practice when retrofitting internal Insulation onto walls floors and ceilings.

Aero-Stud utilizes the excellent thermal properties of Spaceloft Aerogel insulation with the natural properties of sustainable timber battens finished in a robust foil, to provide an "Easy To Install" product

Aero-Stud is supplied in two types, Aero-Stud Single (AS) and Aero-Stud Flex (ASF) and four standard thicknesses to suit varying depths of the insulation of your choice



Aero-Stud/ Wood Fibre

---

### Aero-Stud Single - AS

AS is fixed horizontally onto walls or perpendicular to ceiling joists at 600 mm centres. The insulation of choice, Spacelot Aerogel, PIR, Wood fibre or Mineral Wool can be then installed between the battens. The system can be kept vapour open depending on the insulation used, or a vapour control layer added to the surface of the battens. For best practice a 20/25mm Timber batten is fixed vertically to Aero-stud providing a service zone in front of the insulation and an airtight layer. Then simply add the finishing board of choice.

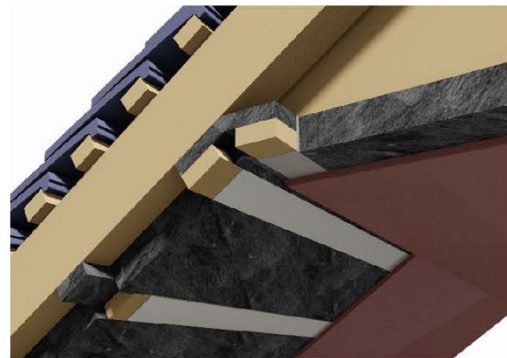


Aero-Stud/ PIR

---

### Aero- Stud Flex - ASF

ASF was developed to guarantee a continuous insulation and vapour tight layer at Wall / Roof / Floor interfaces. The flexible design allows the product to fit into any angle that you may encounter during your retrofit, with no loss of thermal resistance under compression or bending.

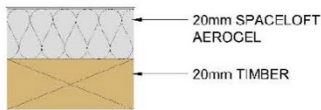


Aero-Stud/ Spaceloft Aerogel

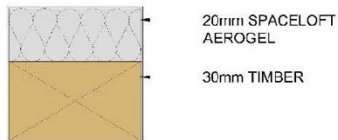
## 1 AERO-STUD SINGLE

AERO-STUD AS AEROSTUD SINGLE		
PRODUCT CODE	O/A THICKNESS (mm)	R-VALUE (m <sup>2</sup> K/W)
AS 20/20	40	1.487
AS 20/30	50	1.564
AS 20/40	60	1.641
AS 40/60	100	3.128

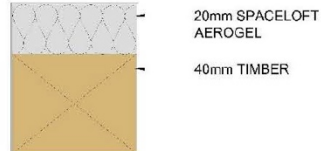
### AS 20/20



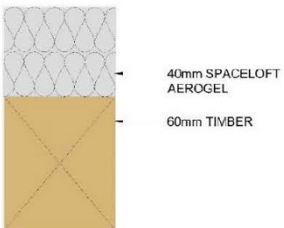
### AS 20/30



### AS 20/40



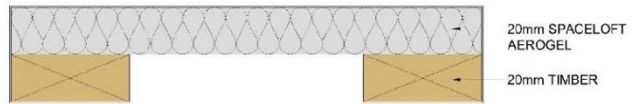
### AS 40/60



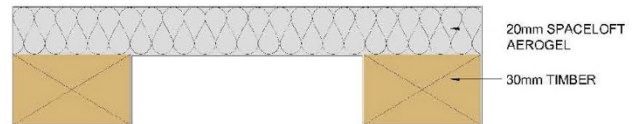
## 2 AERO-STUD FLEX

AERO-STUD ASF AEROSTUD FLEX		
PRODUCT CODE	O/A THICKNESS (mm)	R-VALUE (m <sup>2</sup> K/W)
ASF 20/20	40	1.333
ASF 20/30	50	1.333
ASF 20/40	60	1.333
ASF 40/60	100	2.667

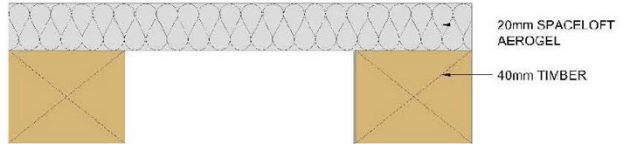
### ASF 20/20



### ASF 20/30



### ASF 20/40



### ASF 40/60

