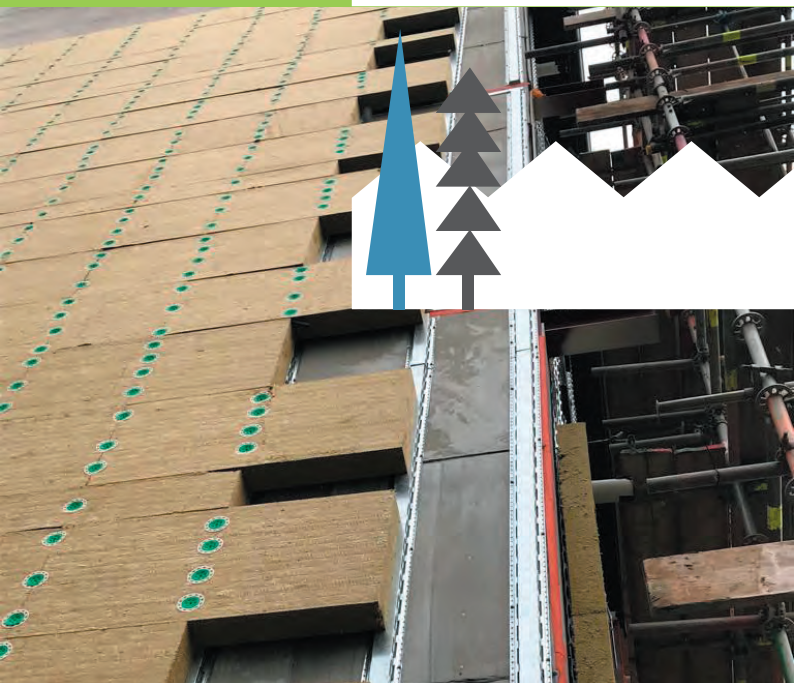
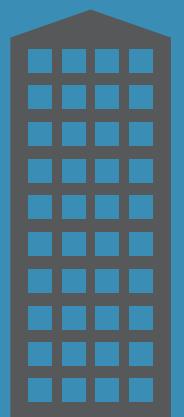
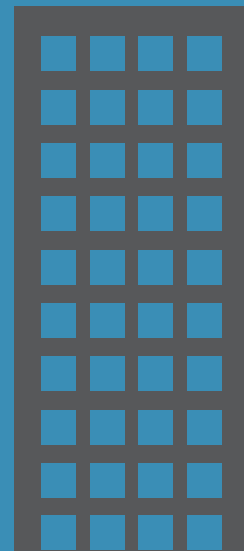
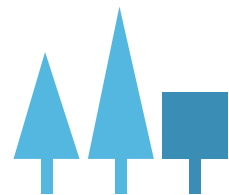
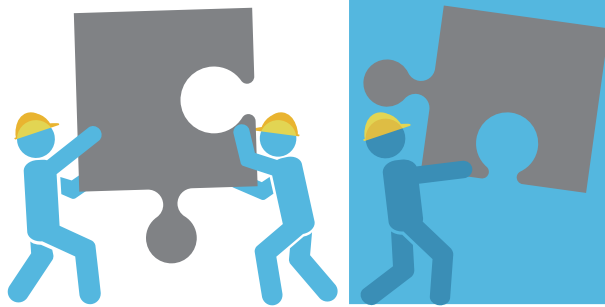
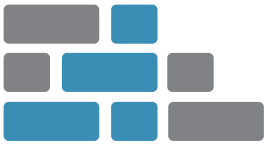


SYSTEM SOLUTIONS

Steel Frame Systems

Innovative Systems for Steel Framed Buildings





Systems Overview

Wetherby have developed a range of steel frame systems ideal for use on various projects, including new build, refurbishment and re-cladding, offering both insulated or render only systems, and an unrivalled range of final finishes, textures and colours.

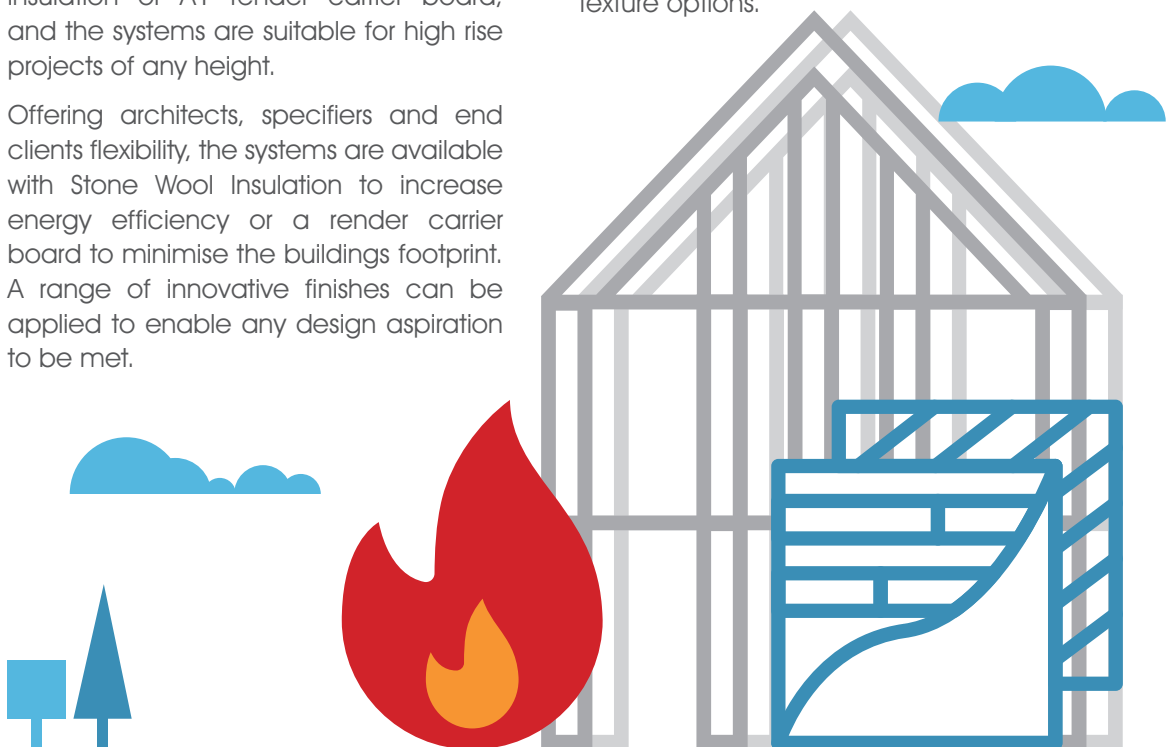
Steel Framing is a popular choice in modern construction. Steel frames are pre-engineered to a specific design and can be quickly erected on site. Offering advantages such as strength, speed, durability and fire resistance.

Wetherby systems for steel frames ensure the buildings have extremely high levels of thermal and fire performance. Our A rated systems are available with a choice of Euroclass A1 Stone Wool insulation or A1 render carrier board, and the systems are suitable for high rise projects of any height.

Offering architects, specifiers and end clients flexibility, the systems are available with Stone Wool Insulation to increase energy efficiency or a render carrier board to minimise the buildings footprint. A range of innovative finishes can be applied to enable any design aspiration to be met.

Benefits of Wetherby façade systems for steel frame.

- Thermal Performance
- Systems suitable for over 18 metres
- Systems with A1 Fire Rating
- Speed of build
- Flexible renders in variety of colour, textures and finishes
- Real clay brick slips with large colour/texture options.





Rail Fix System with Silicone

With Stone Wool Insulation

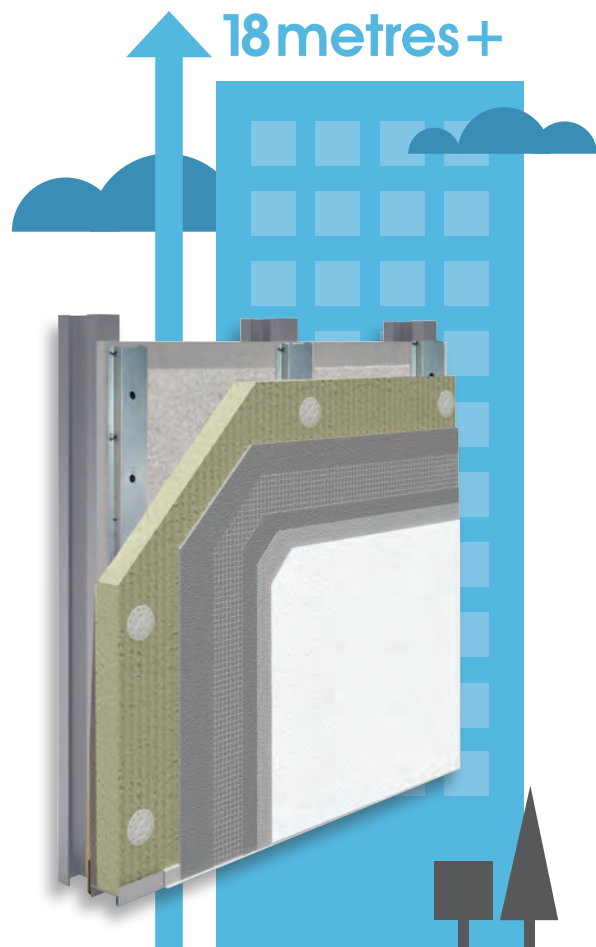
The Wetherby Cavity Rail System for Steel Frame substrates incorporates A1 non-combustible Stone Wool insulation for use on new build steel frame low rise and high-rise buildings.

The Wetherby system uses a ROCKWOOL A1 Stone Wool Insulation board fixed to steel cavity rails and finished with a strong and flexible silicone render, available in hundreds of colour options.

The system has achieved full BBA certification for use without height restriction up to and over 18 metres in height (subject to a full technical assessment by the Wetherby Technical Team). The system is accepted by main insurers such as NHBC, LABC, Premier Guarantee and SWIGA.

Technical Data

- A2-s1,d0 reaction to fire classification in accordance with BS EN13501-1:2018.
- Incorporates A1 Stone Wool insulation, 80mm-250mm thicknesses.
- Category 1 hard body impact, achieving the highest standard in impact resistance.
- Flexible silicone render finish, reducing the risk of cracking and damage.
- Unique Metal Rag Rail, allowing all fixings to be installed into steel stud, to provide the best structural performance.



For a 2 hour tested complete through wall system option (from internal plasterboard to exterior finish), view our TotalWall system online at wbs-ltd.co.uk

Rail Fix System with Brick Slip

Wetherby are constantly developing new innovative systems and with the large requirement for external systems that perform well with fire, therefore, it made sense for us to add more fireproof systems to the portfolio.

Wetherby now offer A1 Brick Slip system options incorporating A1 stone wool insulation and real clay brick slips.

Unlike some alternative brick slip systems, our brick slip products are 'real' clay, manufactured and fired in just the same way as traditional brick but as a slip. Also available in preformed corners (pistols) to ensure you can achieve a genuine brick appearance to your facade.

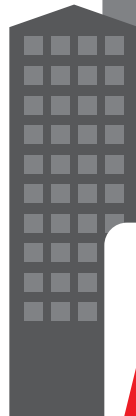
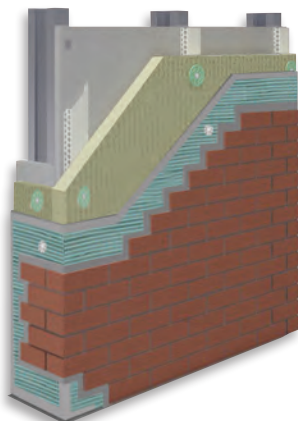
To help enhance the fire performance, ROCKWOOL Stone Wool insulation is incorporated into the system. Stone Wool insulation is a semi-rigid insulation board that is A1 non-combustible and will not develop any significant toxic smoke or promote flame spread, even when directly exposed to fire.



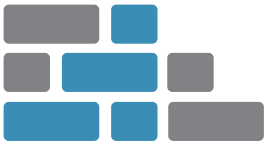
- Euroclass A1 reaction to fire classification in accordance with BS EN13501-1:2018.
- Incorporates A1 Stone Wool insulation, 80mm-250mm thicknesses.
- Category 1 hard body impact, achieving the highest standard in impact resistance.
- Unique Metal Rag Rail, allowing all fixings into steel stud, to provide the best structural performance.

Stainless Steel Brick Mesh System

- Euroclass A1 reaction to fire classification in accordance with BS EN13501-1:2018.
- Incorporating a stainless steel mesh, fixed back to the metal rails, providing enhanced strength and stability.
- Improved wind load performance.
- Improved system strength/impact performance.
- Stainless steel mesh, provides coursing for the brick slips, speeding up system installation.



18metres+



Render Carrier Board Systems

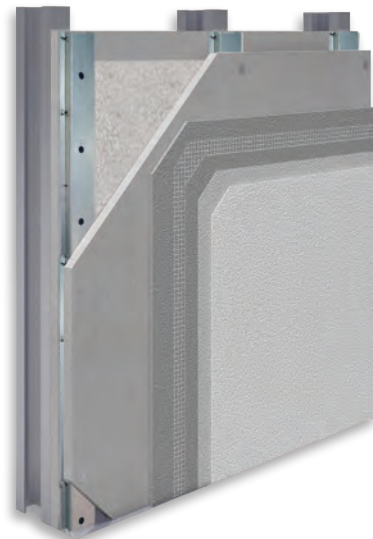
The Wetherby Render Carrier Board system uses an A1 non-combustible Render Carrier Board fixed to steel cavity rails to provide a strong and durable substrate for variety of Thin Coat Renders and Brick Slip finishes.

The carrier board combines weather, moisture and fire resistance properties with high impact strength and sound insulation. When installed in conjunction with our render finish, the system can be used on high rise project up to and over 18 metres in height.

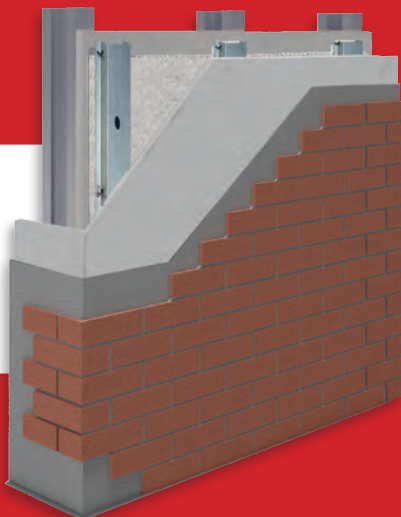
The Render Carrier Board systems are accepted by main insurers such as NHBC, LABC, Premier Guarantee and SWIGA.

Render

- Euroclass A2-s1,d0 reaction to fire classification in accordance with BS EN13501-1:2018.
- Incorporates an A1 12mm Render Carrier Board.
- Category 1 hard body impact, achieving the highest standard in impact resistance.
- Unique Metal Rag Rail, allowing all fixings into steel stud, to provide the best strength (to wall) and structural performance.
- Wide selection of render colours and textures. Acrylic, silicone and stone render.



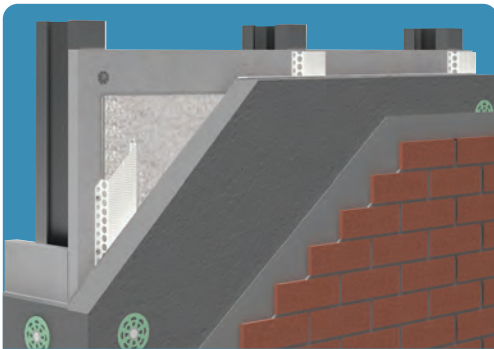
A1



Brick Slips

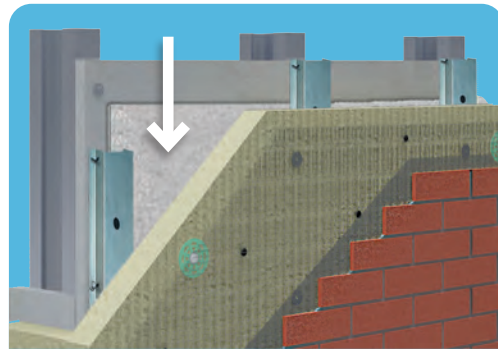
- Euroclass A1 reaction to fire classification in accordance with BS EN13501-1:2018.
- Incorporates an A1 12mm Render Carrier Board.
- Category 1 hard body impact, achieving the highest standard in impact resistance.
- Unique Metal Rag Rail, allowing all fixings into steel stud, to provide the best structural performance.
- Wide range of brick slips in a variety of colours and textures.

Options & Components



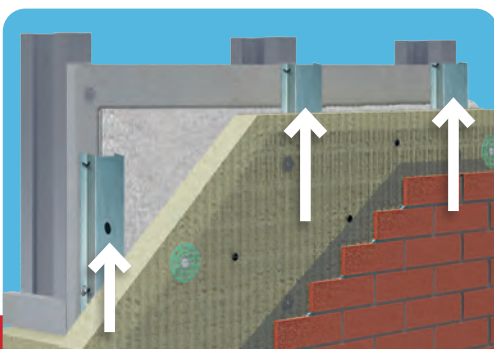
EPS Insulation

We also offer EPS systems for low rise, such as ribbed high-density EPS for brick slips and enhanced EPS for render.



Breather Membrane

Many insurers will insist on breather membranes when installing to sheathed steel frame buildings. Please contact Wetherby for further information.



Rag Cavity Rail

Specially designed rail to allow all fixings into studwork and create a cavity where required.



Cavity Barrier

Cavity barriers (also known as intumescent strips) is likely to be required at certain locations to compartmentalise the system in the event of a fire.



Head Office

Wetherby Building Systems Limited
1 Kid Glove Road
Golborne Enterprise Park
Golborne
Greater Manchester
WA3 3GS

Technical Support: 0800 107 32 99
Samples: 0800 107 32 88
wbs-ltd.co.uk



Glasgow

62 Hydepark Street
Glasgow
Lanarkshire
G3 8BW
Tel: 0141 221 8115

Bridgend

Unit 17A
Brynmenyn Industrial Estate
Millers Avenue
Bridgend
CF32 9TD
Tel: 01656 720 422